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TENTH

## ANNUAL REPORT

OF THE

# DEPARTMENT OF DOCKS,

*FOR THE YEAR ENDING APRIL 30th, 1880.*

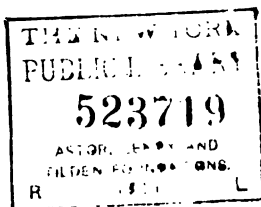
NEW YORK:

EVENING POST STEAM PRESSES, 208 BROADWAY, COR. FULTON STREET.

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During the year, the following mentioned resignations, reductions of salary, increases of pay, and new appointments have taken place.

August 22d, 1879.—Amzi Copk, transferred from being Inspector, to be Doorman at Commissioners' offices, with pay at the rate of \$12 per week, from August 18th, 1879.

September 5th, 1879.—Pay of Matthew J. Brennan, Assistant Draughtsman, fixed at the rate of \$18 per week, from September 2d, 1879.

September 5th, 1879.—Pay of John K. Murphy, Copyist, fixed at the rate of 30 cents per hour, from September 4th, 1879.

September 5th, 1879.—James Dana, Jr., promoted to be Clerk to Engineer-in-Chief, with pay at the rate of \$18 per week, from September 2d, 1879.

October 2d, 1879.—Salary of Thomas Early, Messenger, reduced from \$1,000 per annum to \$750 per annum, to take effect from 1st instant.

October 2d, 1879.—Salary of George S. Hunt, Messenger, reduced from \$10 per week to \$6 per week, to take effect from 1st instant.

January 7th, 1880.—Pay of Frederick Lange, Messenger to Engineer-in-Chief, fixed at the rate of \$15 per week, from January 5th, 1880.

January 18th, 1880.—Daniel Connolly, appointed Watchman for Sundays and holidays at Commissioners' offices, with pay at the rate of \$2.60 per day; in place of Thomas McCann, transferred.

January 21st, 1880.—Frederick W. Beatty, appointed Office Messenger, with pay at the rate of \$12 per week, from January 22d, 1880; in place of Eugene Conkling, resigned.

January 28th, 1880.—Edward G. Ames, appointed Clerk, with pay at the rate of \$65 per month, from February 1st, 1880; in place of John K. Murphy, Copyist, resigned.

January 28th, 1880.—Pay of Frederick W. Beatty, Office Messenger, fixed at the rate of \$65 per month, to take effect from February 1st, 1880.

## SECOND.

The Board submits the following statement of the subjects and duties which have engaged its attention during the year ending April 30th, 1880.

### I.—Organization.

May 5th, 1879.—The Board held this day its first meeting for the current year, but the vacancy created by the death of President Westervelt, on February 21st, 1879, not having been filled by his Honor the Mayor, no new organization was made; the Treasurer and Standing Committees holding over, in their offices, by virtue of their election and appointments respectively on May 3d, 1878.

March 13th, 1880.—Either member of the Board was authorized, in the absence of the Treasurer, from any cause, to sign orders for materials and labor, for the uses

and purposes of the Department, under requisitions of the Engineer-in-Chief, or otherwise.

## **II.—Acquisition of Property to the City.**

September 5th, 1879.—The Board was advised by the Counsel to the Corporation, that the Corporation now is, and since the 27th day of August, 1879, has been seized in fee of Pier, old 44, North River; that the only right, title, and interest in said pier, other than that of the Mayor, Aldermen and Commonalty of the City of New York, is possessed by William Inman, of Upton Manor, Birkenhead, England; and that the value of his right, title, and interest therein is the sum of \$200,000.00. Advised also, by the Comptroller, that the bill of costs in the matter of acquiring right and title to and possession of said pier by the City, amounts to the sum of \$3,530.00.

September 11th, 1879.—An audit, in which were comprised bills and claims for the above shown \$203,530.00, was adopted and directed to be forwarded to the Finance Department for payment; and proper requisitions upon the Dock Fund were drawn and forwarded to the Comptroller for the amount required.

By the acquisition of this property, the only obstacle to the completion of the improvement of the water-front on the new plan, between Canal and West Eleventh streets, was removed.

The Pier, old 44, is being rebuilt. It has been leased

to the Inman Steamship Co. (Limited), for \$30,000 per year, for ten years, with the privilege to them of a renewal for ten years more, at \$30,500. There can be no doubt but that this and like options in leases for new piers will be availed of.

This pier is practically leased for twenty years at \$30,000, with the obligation on the part of the lessee to keep the property in repair and do all dredging.

The whole expense of purchase and improvement will be less than \$300,000.

The bonds issued to pay for this property and improvement are 5 per cents, and command a premium. The result is, that the rental will pay the interest on the bonds and yield a yearly surplus of upwards of \$16,000. This, during the term of the lease, will much more than pay for the whole property and leave a sinking fund, which will rebuild the pier.

### **III.—General Duties.**

As has been stated in previous reports, the duties of this Department comprise, among others, the following:—

The management, as property, of the many miles of water-front and piers owned by the City, an estate worth many millions of dollars.

The general supervision over all the water-front and piers not owned by the City, being more than half of the whole water-front.

The duty of seeing that the whole water-front property,



both public and private, is properly dredged and kept in suitable condition and repair for general use.

The making of rules and regulations as to the use of all the water-front, and the setting of it aside for special uses.

The duty of passing upon all erections, structures and superstructures, and upon all proposed modifications or increase of every kind of terminal facility.

The duty of carrying out the rebuilding on the new plan of the whole water-front property.

Many of these duties are purely legislative, and were retained by the State Legislature until devolved upon this Board as a legislative body.

#### **IV.—Operations on the Water-front.**

For a detailed account of the works of construction, repair, dredging, surveying, etc., we refer to the report of the Engineer-in-Chief, hereto annexed.

The bulkhead wall which is now being constructed, is substantially the same as we have been building for nearly five years.

We can, therefore, speak with a considerable degree of authority and experience with reference to it. The wall has fully realized our expectations as to character and cost. We confidently state that the masonry wall now being built does not cost more than \$100 per lineal foot in excess of a good crib-work bulkhead. This being so, there can be no

longer any reasonable doubt about the desirability of the wall.

Its superiority over the crib-work structure is too manifest to be seriously disputed by any fair-minded man competent to form a judgment on the subject. Constructed as it is, with no possibility of the timber portion of the structure being subject to the attack of the toredo or of decay, it should last, practically, forever.

It holds its position without substantial change. It offers, practically, an impassable barrier against any further encroachments on the river front. It is difficult to over-estimate the advantage of this, when it is considered that the encroachments in the past have been continuous, and have certainly reached the very utmost limit consistent with safety.

The effect of the structure in promoting the free and full flow of the tide, is an important advantage.

All our sanitary authorities agree that, from their standpoint, the substitution of this structure for the crib-work bulkhead, is of the utmost importance.

The crib-work furnishes a place for the deposit of a large quantity of the filth of rivers receiving the sewage of 1,200,000 people. The fermentation constantly going on throws off the gases to poison the air.

The rigid, solid structure, gives no opportunity for any deposit, except at such distances under water as to render it harmless.

These considerations cannot, of course, be reduced to dollars and cents, but they are none the less such as should

be imperative on any community governed with any intelligence and sense of obligation to its citizens.

#### **V.—Revenues, Expenses, etc.**

The expenses of the Department during the past year are, for construction, \$567,274.73, and for general expenses, \$32,493.90, making a total of \$599,768.63.

The construction expenses include the cost of waterfront property acquired to the City as above described; the building of the new piers and bulkhead wall; the maintenance and repair of the old piers and bulkheads; dredging, and the salaries of the Commissioners and Engineer force.

Really, the expenses of the Department should be reduced by \$203,530.00, the amount paid for Pier, old 44. If this be done, the expenses will stand as \$396,238.63.

The revenues of the Department, which have accrued entirely during the year, have amounted to \$809,215.41.

This is a clear increase of accrued revenue, over that of the preceding year, of \$56,015.95..

The revenues have exceeded the entire expenditures, for every purpose during the year, inclusive of the expenditure of \$203,530.00, for property seized in fee to the City, by \$210,696.78.

The money actually deposited by this Department with the City Chamberlain for the redemption of the City debt during the past year amounts to \$804,573.47.

The actual reduction made in the City debt during the

past year, resulting from this Department, is \$413,035.84; that is, treating the expenditure of \$303,530.00, paid for Pier, old 44, N. R., which has gone into a real estate investment for the City, as equivalent to an extinguishment of so much of its Dock Bond debt.

The revenues of the Department will continue to increase from year to year, and will soon reach \$1,000,000.00, as the expenditures of each year add largely to the revenues of the next. The water-front property of the City will thus develop itself from its own earnings, meeting the demands of commerce for increased facilities, and, in addition, yield a very considerable sum to be applied to the reduction of the City debt, to which all this revenue is pledged.

As in previous years, a very full statement of revenues and disbursements accompanies this report.

From the fact that our year ends April 30th, and the quarter day for payment of rent is May 1st, the report must always show one quarter's rent uncollected, under leases not payable in advance.

#### **VI.—Policy of the Department.**

Since the acquisition of Pier, old 44, N. R., we are proceeding as rapidly as possible to complete the whole section between Canal and West Eleventh streets. The property covered by this purchase was the only obstacle to such completion.

By this improvement, nearly all the foreign steamship

commerce is provided with ample accommodation in a place where connection by tracks can be had with the railroads.

When it is considered how large a percentage of the transfer from rail to steamers in this port takes place in the trade accommodated in this section, it will be seen how important to commerce this improvement has been.

The Department is developing all that section between Warren and Canal streets as fast as can be done without too great damage to the large business now being carried on there. Nearly all the City's property in this section is under agreement to be rebuilt on the new plan. This will add very much to our commercial facilities, and will largely increase the City's revenues.

UP-TOWN IMPROVEMENTS.—In our last report, in explanation of the reason why rents were high here, and why people experienced difficulty in obtaining sufficient river-front property for the demands of a rapidly increasing commerce, we made the following remarks:—

“ The real difficulty is, that the lines ” (*steamship*) “ are not yet willing to go above the places where they are now located, and, for the present, elect to crowd each other in the district between the Battery and West Eleventh street, on the North river.

“ As long as they do this, prices will, of course, advance in this district.

“ Whenever business is willing to go about half a mile

“ further up-town, the City can furnish plenty of room,  
 “ and rents will be lowered.

“ It is precisely the same as if all business houses should  
 “ insist on locating in, say, two or three miles along Broad-  
 “ way, and then complain that rents were ruinously high  
 “ in such section.

“ The remedy which has been applied on land will soon  
 “ be applied to the water-front, and with the same results.

“ In fact, it would have been applied long since, and  
 “ rents would have been lower in the section alluded to,  
 “ had it not been for the following condition of things:—

“ From West Eleventh street, northwardly, for a distance  
 “ of nearly half a mile, the Legislature, many years since,  
 “ made the great mistake of permitting the river to be so  
 “ much filled in as to narrow the channel to a degree which  
 “ made it necessary, subsequently, to provide that no piers  
 “ should be built in such section. Thus it has happened  
 “ that, whenever a business interest has contemplated  
 “ moving up-town, it has been obliged to consent to move  
 “ half a mile. If a regular growth, continuously, by pier  
 “ after pier, could have taken place, the growth would  
 “ have been so gradual that no one would have hesitated ;  
 “ the water-front would have been developed much farther  
 “ up-town, and rents would have been much lower.

“ Even now, whenever a beginning is made, and a few  
 “ people can be induced to make a jump of only about  
 “ half a mile, the business interests will find a relief, which  
 “ will correct the evils of the situation.

“ We fully believe that this condition of things will soon be brought about, and we are doing everything in our power to hasten it.

“ Whenever we can induce people to submit to the inevitable, we shall be prepared to furnish all the accommodation needed at reasonable prices—provided only we can get laws which can be practically worked under.”

The expectation of relief and benefit we then indulged in, is now about to be realized. Negotiations are now in such a state of forwardness that we can confidently say that, within the coming year, the rapid development of the water-front will commence at West Twenty-fourth street and proceed as fast as will be necessary to furnish the accommodations needed by our commerce.

A large number of important enterprises are now willing to go into that section on terms highly advantageous to themselves and the City.

The City is to be congratulated that the efforts of this Department, to induce people to go into this section, are at last about to be crowned with success.

DISTRICT BETWEEN WEST ELEVENTH AND WEST TWENTY-THIRD STREETS.—In our last report is to be found the following :—

“ In this district, filled in as above described, to the point of such an abridgement of our commercial facilities that no piers can now be built there, a much needed improvement should be made.

“ It is now evident to any one familiar with the subject, that the water would have been much more valuable to our commerce than the land which was made can possibly become. It is also true that slips could now be excavated there, making a series of wet basins, for very much less money than is commonly supposed. If this should be done, this district would become for many classes of commerce, probably, one of the most valuable in the City—instead of being, as now, consigned to comparative uselessness forever.

“ Of course, it is greatly to be regretted that this filling-in was ever permitted, and that the City sold the most of its land thus made; but it could now be acquired better than at any other time, or, if not acquired, possibly some plan for its development, by some system of co-operation with its owners, might be devised.

“ It would certainly be greatly to the commercial interests of this City, that this section should be reclaimed to commerce.

“ It will soon be in the very heart of the water-front, and we cannot afford to throw it away.

“ There is no law now in existence under which anything of the kind suggested could be undertaken, but we mention it as a subject demanding early attention from those in any way charged with providing for our City’s commercial interests.

“ In 1857, before the filling-in was fully completed, the Harbor Commissioners recommended that the filling



“should stop, and that the wet basins should be made, “but the influences opposed were strong enough, apparently, to prevent their recommendation from being “acted upon. The consequences of this most mistaken “policy have been, as above shown, of the most serious “character.”

In the report of the Engineer-in-Chief, hereto annexed, will be found some very interesting maps, figures, calculations and recommendations, relating to a plan of improvement proposed by him, after mature reflection, for this section.

We commend the subject to the best consideration of every one, in any way charged with any responsibility for the future improvement of our commercial facilities.

It is difficult to over-estimate the importance of this subject.

One of these maps shows what this section will be, if improved under the existing laws. A glance at this map shows that we are to practically throw away about three-quarters of a mile in the very heart of our water-front, unless some change is made by the Legislature.

We confidently assert that it is simply impossible, that this condition of things will be tolerated for any great length of time. Another map shows the condition of things which would exist if the recommendations should be carried out.

The third brings together in one glance the present condition of this section, its condition as it will be when

improved under existing laws, and its condition as it would be if the recommendations should be adopted.

The Engineer estimates that to convert this section from the condition of comparative uselessness to which the law now devotes it, to the high degree of usefulness proposed, would cost, including the purchase of all the land necessary, about \$5,500,000.

The estimates are given in detail, and are very carefully prepared. We do not think the estimate would be found to be materially smaller than the cost.

The estimate of revenues to accrue yearly from the improved property, over and above the amount now produced from the taxes levied on the property which it would be necessary to purchase, is given by the Engineer at, say, \$575,000.

With reference to this, we say unhesitatingly, that the estimate of revenues can be safely increased at least twenty-five per cent., provided the City deems it for its best interests to charge such sum, and that, even at such price, it would be highly advantageous to commerce that the facilities should be furnished.

We say in addition, that we have not the slightest doubt but that some such thing must inevitably be done, in the not remote future, either in the way pointed out through the purchase by the City of this property, or else by means of some plan permitting private parties on terms to do this.

We say further, that no one familiar with the needs of

commerce, and the limited room now available to devote to those needs, can fail to agree with us in declaring that the sooner the problem presented is attacked in some practical manner, the better it will be for the City's interests.

**CONDITIONS PRE-REQUISITE TO FUTURE WORK.**—In our last report we discussed these at considerable length, and presented the conclusion that, in the near future, all considerable operations in the direction of carrying out the plan for the improvement of the water-front, must cease, unless one of two things should be accomplished.

The City must either make very large purchases of property, or some plan of co-operative improvement, not involving the necessity of purchase, must be devised and enacted into law. We again commend this whole subject to the consideration of this community, as one of the first importance, and at the threshold of all very considerable future improvement.

**METHOD OF RAISING MONEY.**—We quote from our last report the following :—

“There has always been so much public misapprehension connected with the manner by which the money for carrying on the operations of this Department is raised, that a very brief statement in regard to this subject seems proper.

“ Few people probably would object, in a time like this, when the rate of taxation is so high, to applying a portion of the revenues from the City’s wharf property to the maintenance and development of the property.

“ In effect, this is precisely what is now done, and only this.

“ It cannot take this evident form exactly, because of legal objections.

“ When the bonds of the City were issued, the revenue from the City’s wharf property was pledged, among other revenues, to the redemption of the bonds. Therefore, no portion of this revenue can be used to maintain and develop this property; but it all is, and must be, paid into the Sinking Fund to redeem the debt. The money spent is derived from the issue of new bonds. But as long as the money spent is less than the revenue used to redeem bonds, it follows that we are, in effect, using but a portion of the revenue for maintenance and development, and applying the other portion to an actual reduction of the City debt.”

During the last year, the difference, practically, between bonds issued and bonds paid, is, as before explained, \$413,035.84, and by this sum it may fairly be said that the debt of the City has been, during the period, reduced by this Department. During each one of the five years immediately preceding the present time, the revenues in the year have exceeded the expenditures for all purposes. It

is fair to say, that this Department has in the past five years, practically paid an amount of bonds of the City, exceeding by, say, \$1,500,000, the amount of the bonds which have been issued for all its operations. And we call especial attention to the fact, that much the larger part of the money expended has been for permanent improvements which largely increase the revenue.

A proposition to put the whole or any portion of the expenses of this Department into the tax levy, and therefore under the supervision of the Board of Estimate and Apportionment, means simply this—that our taxes are to be increased by just so much, and that, not to prevent our debt from increasing, but, simply, that the docks shall be made to pay our existing debt faster than they are now doing, even though they have paid \$1,500,000 in the last five years—and furnished all the money expended upon the water-front in addition.

#### **VII.—Review of Revenues and Expenditures for the past ten years.**

The Department of Docks has now been in existence ten years.

It seems appropriate, therefore, to submit the following tables for general information :—

**Revenues.**

FOR THE YEARS ENDING APRIL 30TH.	Total Gross Revenue from Leased Wharves and Wharriages.
1871 (Note 1).....	\$815,524 54
1872.....	412,859 93
1873.....	447,328 01
1874.....	479,361 51
1875.....	589,361 06
1876.....	650,781 88
1877.....	706,607 78
1878 (Note 2)....	853,816 92
1879.....	762,122 37
1880 .....	810,465 41
	<b>\$6,028,229 41</b>

(NOTES.—1. *As to the year 1871: This amount is exclusive of a fraction of the first quarter of the year; the business of this Department not having begun until the 20th day of May, 1870.*

2. *As to the year 1878: This amount includes rents which had been omitted to be charged in previous years; also, the rents due on May 1st, 1878, not payable in advance, charged on April 30th, 1878, instead of May 1st, of the new fiscal year, as heretofore had been the practice, thus giving five quarters in the year.)*

**Audited Expenditures.**

FOR THE YEARS ENDING APRIL 30TH.	Total Annual Expenditures audited, for all uses and purposes.	Salaries of Engineer-in-Chief and his subordinates.	Salaries of Commissioners of Docks, Secretary and subordinates.
1871.....	\$486,449 12	\$24,909 20	\$98,182 56
1872.....	1,075,605 61	69,473 94	107,797 08
1873.....	622,878 03	60,791 45	104,787 41
1874.....	932,710 32	41,578 97	63,313 28
1875.....	1,536,204 33	47,736 28	65,231 64
1876.....	692,603 96	28,560 33	44,473 61
1877.....	433,089 80	29,965 95	37,164 53
1878.....	486,934 69	31,255 72	33,668 21
1879.....	373,425 68	28,449 84	32,140 80
1880.....	599,768 63	28,450 00	25,706 94
	<b>\$7,239,670 17</b>	<b>\$391,171 68</b>	<b>\$612,466 06</b>
The first five years..	\$4,653,847 41	\$244,489 84	\$439,311 97
The last five years..	2,585,822 76	146,681 84	173,154 09
Decrease.....	\$2,068,024 65	\$97,808 00	\$266,157 88
Equal to .....	44 per cent.	40 per cent.	61 per cent.

(NOTE.—The total expenditure for the year ending April 30th, 1880, includes the sum of \$203,530, for Pier, Old 44, N. R., acquired to the City. With this amount deducted from the sum for the last five years, the percentage of the decrease will be 49 per cent.)

This period of ten years naturally divides itself into two, of five years each.

It will be noticed, that the total expenditures of the second five years have been less than the total of the first five, by \$2,068,024.65; that the total expenditure for Engi-

neers, Superintendents of Construction and clerical force attached, has diminished by \$97,808.00, in that period, or about forty per cent, and that the total expenditure for salaries of Commissioners and clerks, and employes in the general office, has decreased by \$266,157.88, or about sixty-one per cent. If allowance should be made for all that portion of the reduction brought about by the action of the Legislature in lessening the number of the Commissioners and their compensation; the balance of reduction left, which has been effected by the Commissioners, is still fifty-five per cent in this class of expenditure.

It may be proper to add that more work of permanent construction has been carried on in the last five years than was in the first five.

The table of revenues shows a progressive increase from \$315,000, in round numbers, in the first year, to \$810,000 in the last; the increase will be more rapid in the future. The further fact will be here again noted that for each of the last five years, the revenue has exceeded the expenditure. It will be true in the future, that never again will it be necessary or probably desirable to spend in any one year as much as the revenues of the year, unless property be purchased for the sake of improving it.

With this limitation, less than all the revenues will be ample to develop the property as rapidly as commerce can possibly need it.

The longest period of time of which either of the present Commissioners can speak from any personal knowl-



edge of the conduct of affairs in this Department, is five years. As one hears so much now-a-days of the injurious effect of what is called "politics" on the conduct of municipal business, it may be proper to say that, for the past five years at least, the business of the Dock Department has been conducted entirely on business principles in every respect, and that we believe that no private business in the City has been less affected by what is included under the designation of "politics," than has been the business of this Department.

### THIRD.

In compliance with the third provision of the law, as previously cited, the following information is submitted :

#### **I.—Orders and Rules made by the Board.**

November 13th, 1879.—The Superintendents of Docks, directed and empowered, whenever any unleased corporation pier or bulkhead, within their respective districts, shall become dangerous for travel, from any unexpected cause, to immediately have the necessary repair made, to an extent not exceeding the sum of \$5,00 in any one case ; and to at once report to the Engineer-in-Chief the action taken.

January 14th, 1880.—The following regulation was adopted, and ordered published :—

**REGULATION 16.**—The owners, lessees and occupants of every pier, wharf and bulkhead in the City of New

York shall keep the same in good repair, and the slips adjacent thereto properly dredged; and whenever, in the judgment of the Board of the Department of Docks, it shall be necessary so to do, written notices, signed by the President or Secretary of said Board, shall be served upon the owners, lessees or occupants, or collector of wharfage, of any such pier, wharf or bulkhead, or the slip adjoining the same, on which repairs or dredging are required by said Board, specifying the nature and extent of the repairs or dredging so required, and the time within which such repairs must be made or such dredging done; and in case of failure of the owners, lessees or occupants so notified, to comply with the terms and requirements of such notice, they shall be liable to a penalty of \$50 per day for every day they shall neglect to comply with such notice.

## **II.—Description of Contracts made by the Board.**

May 7th, 1879.—Contract with Cyrus J. Hall, of Mount Desert, Maine, awarded this day, for furnishing granite stones for bulkhead or river wall. Estimated expense of contract, \$6,328.45. Dated, May 17th, 1879. Expiration, August 15th, 1879.

May 7th, 1879.—Contract with John A. Bouker, of 60 South Street, awarded this day, for furnishing sand. Estimated expense of contract, \$650.00. Dated, May 17th, 1879. Expiration, December 27th, 1879.

May 7th, 1879.—Contract with John M. C. Scully, of

**250 East Fifty-seventh Street**, awarded this day, for furnishing small cobble and rip-rap stone. Estimated expense of contract, \$17,635.00. Dated, July 14th, 1879. Expiration, December 27th, 1879.

**May 28th, 1879.**—Contract with Chandler H. Loomis, of 139 Yates Avenue, Brooklyn, awarded this day, for dredging at several piers on the North and East Rivers. Estimated expense of contract, \$15,300.00. Dated, June 18th, 1879. Expiration, November 18th, 1879.

**July 23d, 1879.**—Contract with John A. Bouker, of 60 South Street, awarded this day, for furnishing broken stone for concrete. Estimated expense of contract, \$4,080.00. Dated, August 1st, 1879. Expiration, December 27th, 1879.

**August 7th, 1879.**—Contract with Thomas and Augustin Walsh, of 114 Wall Street, awarded this day, for removing part of Pier Old 37, North River, and platform, and building Pier New 26, North River. Estimated expense of contract, \$39,000.00. Dated, August 18th, 1879. Expiration, February 6th, 1880.

**December 17th, 1879.**—Contract with Chandler H. Loomis, of 435 West Twenty-first Street, awarded this day, for dredging at Twenty-third and Twenty-fourth Streets, North River. Estimated expense of contract, \$3,500.00. Dated, December 26th, 1879. Expiration, January 25th, 1880.

**December 22d, 1879.**—Contract with J. P. Cranford and N. B. Abbott, known under the style of the "Abbott

Pavement Co.," of Brooklyn, L. I., made this day for the settlement, at 75 per cent., of claim for pavement laid on Pier New 1, North River; and of claim, in full, for pavement laid at Battery Boat Landing, North River, and for keeping said pavements repaired for five years, from January 1st, 1880, free of cost and expense to the City, beyond the sum of \$100 per annum. Estimated expense of contract, \$500.00. Dated, December 22d, 1879. Expiration, January 1st, 1885.

February 4th, 1880.—Contract with John B. Devlin, of One Hundred and Thirty-sixth Street, awarded this day, for building embankment, wall and platform, from Sixtieth to Sixty-first Streets, East River. Estimated expense of contract, \$7,830.00. Dated, February 25th, 1880. Expiration, May 25th, 1880.

March 8th, 1880.—Contract with Robert L. Darragh, of 1539 Broadway, awarded this day, for furnishing granite stones for bulkhead or river wall. Estimated expense of contract, \$11,319.21. Dated, March 26th, 1880. Expiration, July 31st, 1880.

### **III.—Payments made by the Board.**

The Commissioners of Docks have made requisitions upon the Finance Department for payments, in satisfaction of liabilities incurred, from May 1st, 1879, to April 30th, 1880, amounting in all to the sum of \$599,768.63; and herewith submitted, in due form of exhibits, annexed to the Statement of the Revenues and Disbursements of

the Department for the year, is a full showing of the payments so made by the Board, and of the purposes and amounts thereof.

#### **IV.—Leases made by the Board.**

I.—All leases made during the year, at public sale and otherwise, of wharf property owned by the Corporation, including land under water, and all permits issued by the Board during that period to occupy such property, are shown in the Rent-roll accompanying this report, which fully expresses for what term, at what rent, to whom, and for what property, each of said leases was respectively made, and each of said permissions was respectively granted.

The Rent-roll herewith submitted is a complete showing, as required by law, of all leases made during the year. It, moreover, is a complete showing of all leases terminated during the year, and of all leases and permits in force on the first day of May, 1880—thus including all leases sold at public sales, within the year, to have inception in the ensuing year.

II.—An agreement for lease has been made by the Board with the under-mentioned party for a pier to be built under the new plan adopted for the permanent improvement of the water-front, to be occupied by him upon completion of the premises :—

November 20th, 1879.—By resolution, this date, with

John G. Dale, Agent, Inman Steamship Company (Limited), to lease to him, as soon as completed, a new pier, to be built on the site of Pier Old 44, North River, for a term of ten years, at an annual rent of \$30,000, with a covenant of renewal for a further term of ten years, at a rent of \$30,500 per annum.

III.—Consents of the Board have been given to the following-mentioned assignment of lease and surrender of lease of wharf property, to wit:—

July 23d, 1879.—Consent given to Alexander Mason, lessee of Pier New 47, North River, and of about 474 feet of bulkhead, extending along the easterly side of approach to Piers New 46 and New 47, North River, to assign the two leases thereof to the Quebec and Gulf Ports Steamship Company, of Quebec; said lessee and his sureties agreeing, in writing, that their obligations under said two leases shall be unaffected thereby.

October 9th 1879.—Surrender accepted from J. P. Minster, of lease of Pier at 117th Street, Harlem River, sold to him, for three years from May 1st, 1879, at public sale of March 13th, 1879; for the reason of there being an insufficient depth of water to berth vessels thereat; to take effect from September 27th, 1879.

IV.—The following-mentioned allowances or reductions from rent have been granted by the Board:—

September 2d, 1879.—To David J. Taff and J. Rhine-

frank & Co., (in hands of Counsel to the Corporation,) an allowance of one-quarter's rent, from May 1st to August 1st, 1874, for berth at Pier at Third street, East River; the premises having been under repair by the Department at the time; \$62.50.

October 31st, 1879.—To James P. Minster, an allowance of one-quarter's rent, from August 1st to November 1st, 1879, for Pier at One Hundred and Seventeenth Street, Harlem River, consequent upon there being an insufficient depth of water thereat; \$50.00.

October 31st, 1879.—To Long Island Passenger and Freight Transportation Co., a reduction from rent for steamboat landing at end of Pier at Thirty-third Street, East River, from \$50 to \$30, for the month of April, 1879; consequent upon an overcharge made; \$20.00.

November 6th, 1879.—To Harlem River and Port Chester R. R. Co., occupants of Platform between Piers 50 and 51, East River, a reduction of rent from and after the 1st instant, from the sum of \$2,500 per annum to the sum of \$1,500 per annum, for said premises, such reduction being, in the opinion of the Board, just and equitable.

January 21st, 1880.—To Isaac Fowler, lessee of Pier 61, etc., East River, a reduction from the rent for said pier, from May 1st, 1878, to February 1st, 1880, at the rate of \$375 per annum, as sanctioned by the Comptroller, for the reason of the failure of the Department to give lessee full possession of the premises, a part of the northerly side

of said pier having been occupied by a night-soil boat ;  
\$656.25.

All of which is respectfully submitted.

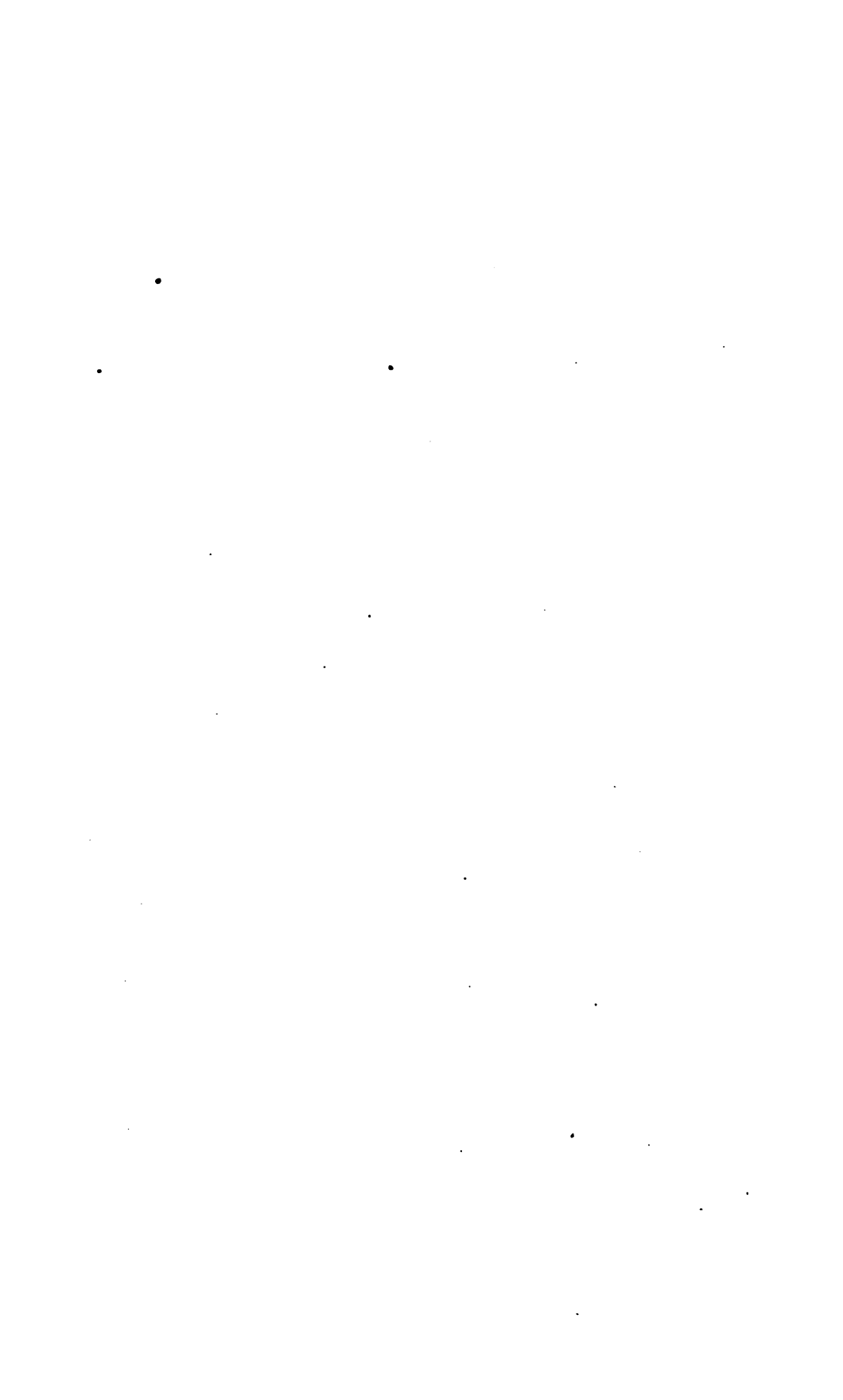
H. F. DIMOCK,  
JACOB VANDERPOEL,

*Commissioners of Docks.*

EUGENE T. LYNCH,

*Secretary.*





STATEMENT  
OF  
Revenues and Disbursements.

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ACCOUNT  
WITH  
The Mayor, Aldermen and Commonalty,  
AND  
BALANCE SHEET FOR APRIL 30TH, 1880.



# STATEMENT

OF THE REVENUES AND DISBURSEMENTS OF THE DEPARTMENT OF DOCKS FOR AND  
DURING THE YEAR ENDING APRIL 30TH, 1880.

## DOCK AND SLIP RENT.

### I.—REVENUE :

Amount of rents and dues remaining uncollected on April  
30th, 1879, as per report for the year ending on that date,  
to wit :

1. Due from Lessees of Corporation wharf property.....	\$112,532 50
2. Due from Occupants of Land under water, the property of the Corporation.....	10,100 00
3. Amount of accrued wharfage uncollected.....	629 64
Carried forward.....	\$123,262 14

# STATEMENT OF THE REVENUES AND DISBURSEMENTS.—Continued.

Brought forward.....	\$123,262 14
Amount of rents accrued prior to May 1st, 1879, omitted to be charged at the close of the year ending April 30th, 1879, to wit:	
4. To Occupants of Land under water, the property of the Corporation.....	\$1,250 00
Amount of rents and dues accrued and charged in and during the year ending April 30th, 1880, including rents for the quarter beginning on February 1st, and payable on May 1st, 1880, to wit:—	
5. To Lessees of Corporation wharf property.....	\$755,539 04
6. To Occupants of Land under water, the property of the Corporation, covered by wharf improvements erected by permission of the Department.....	42,625 00
7. Amount of wharfages accrued from unleased Corporation wharf property.....	11,051 37
	809,215 41
	810,465 41
	\$938,727 55

## II.—DISTRIBUTION :

### *Cash :*

Amount of moneys deposited with the Chamberlain prior to May 1st, 1879, being in payment, in advance, of rents accruing during the present year.....	\$18,557 50
Amount of moneys deposited during the year with the Chamberlain to the credit of the Commissioners of the Sinking Fund, for the redemption of the City debt.....	804,573 47

39

---

\$823,130 97

Deduct the amount, included in the said moneys, of proceeds of sales of old material in and during the year, and of fines collected and interest recovered in suit.....

621 38

---

\$822,509 59

Deduct also the amount, included in said moneys, of sums received in and during the year at public sales of leases of

---

\$822,509 59

Carried forward.....

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\$933,727 55

# STATEMENT OF THE REVENUES AND DISBURSEMENTS—Continued.

Brought forward.....	\$892,509 59	\$498,797 88
Corporation wharf property, being deposits made by purchasers as security for the execution on their part of their leases respectively; which leases are to date from May 1st, 1880, and which deposits are to be applied as rent first accruing under such leases as shall be duly completed, or, in default, to become forfeited to the City.....	9,406 25	
Leaving this amount, deposited as rents and dues from Corporation wharf property (except from that in use under ferry leases made with the Comptroller).....	—	\$813,103 34

## Allowances:

Amount of rents and dues remitted in and during the year to Lessees or Occupants of Corporation wharf property, to wit:  
 To David J. Taff and J. Rhinefrank & Co., (in hands of Counsel to the Corporation,) an allowance of one quarter's rent for berth at Pier at Third Street, E. R., consequent upon the premises having been under repair by the Department at the time.....

\$62 50

To James P. Minster, an allowance of one quarter's rent for Pier at One Hundred and Seventeenth Street, H. R., consequent upon an insufficient depth of water thereat..	50 00	
To Long Island P. and F. Transportation Company, a remittal of rent for use of end of Pier at Thirty-third Street, E. R., consequent upon the premises not being occupied during first month of term.....	20 00	
To Isaac Fowler, a remittal from rent for Pier 61, E. R., for one year and three quarters, as sanctioned by the Comptroller, consequent upon occupancy of part of the premises by a night-soil boat.....	656 25	
To E. E. Morgan's Sons, for amount of balance of their account; a final dividend from their estate having been received through the U. S. District Court in Bankruptcy, June 6, 1879.....	1,727 52	
To D. D. & T. Smith, for amount of balance of their account; a final dividend from their estate having been received through J. H. Blauvett, Receiver, January 15, 1880....	1,579 31	
	<hr/>	
	4,095 58	
	<hr/>	
Carried forward.....	\$817,198 92	\$938,727 55



# STATEMENT OF THE REVENUES AND DISBURSEMENTS.—Continued.

Brought forward.....	\$17,148 92	\$283,727 55
<i>Counsel to the Corporation :</i>		
Amount of claims for unpaid rents and dues transferred to him, in and during the year, for collection.....	\$7,300 00	
Less, credits given for a sum of money recovered and an allowance made through him.....	582 50	
	6,717 50	823,916 43

## III.—BALANCE :

1. Amount of rents and dues charged to Lessees of Corporation wharf property, and remaining uncollected on April 30th, 1880.....	\$98,360 33
2. Amount of rents and dues charged to Occupants of Land under water, the property of the Corporation, and remaining uncollected on April 30th, 1880.....	10,742 50
3. Amount of accrued wharfage remaining uncollected on April 30th, 1880.....	708 30

(NOTE.—Of this whole amount, \$73,762.50 was not payable until May 1st, 1880.)

\$109,811 13

## DOCK BONDS.

1. Amount of Dock Bonds directed to be issued by the Commissioners of the Sinking Fund prior to May 1st, 1879....	\$6,500,000 00	
2. Amount of Requisitions made by the Department prior to May 1st, 1879, upon which the Commissioners of the Sinking Fund directed bonds to be issued during the following year.....	150,000 00	\$6,650,000 00
4. Amount of Requisitions for Dock Bonds made in and during the year ending April 30th, 1880.....	\$453,530 00	
Less, the amount in requisitions last mentioned, upon which the said Commissioners of the Sinking Fund gave no direction for the issue of bonds during the year.....	3,530 00	450,000 00
4. Making the total amount of "Dock Bonds of the City of New York," directed by the Commissioners of the Sinking Fund to be issued from time to time, for the uses and purposes of the Department of Docks, from the date of its organization in May, 1870, to April 30th, 1880, to be the sum of.	.....	<u>\$7,100,000 00</u>

# STATEMENT OF THE REVENUES AND DISBURSEMENTS.—Continued.

## DOCK FUND.

### I.—RECEIPTS:

1. Amount of proceeds of Dock Bonds approximated as being in the hands of the Comptroller on May 1st, 1879, for the uses and purposes of this Department, as per Report for year ending April 30th, 1879.....	\$36,841 43	
Amount of proceeds of Dock Bonds directed by the Commissioners of the Sinking Fund to be issued by the Comptroller, in and during the year ending April 30th, 1880 .....	600,000 00	
Amount of premium obtained by the Comptroller on Dock Bonds sold in the year ending April 30th, 1880, as far as known by this Department.....	8,560 00	\$645,401 43
2. Amount of moneys received in and during the year and deposited with the Chamberlain for the uses and purposes of the Department; being reimbursements for the cost of repairs to wharf properties not owned by the Corporation, for the use of Department appliances, etc.....		4,701 00
		<u>\$650,102 43</u>

## II.—EXPENDITURE:

Amount of bills and claims audited in and during the year ending April 30th, 1880, and transmitted to the Finance Department for payment, being for property acquired to the City, for materials and supplies furnished, and for services rendered, to this Department, to wit:

### 1. *For Construction:*

As per annexed Schedule B.:	
Acquired Property.....	\$203,530 00
Advertising (for proposals, etc).....	43 50
Cement.....	8,910 26
Coal, for Floating property, etc.....	2,345 00
Contracts for building piers.....	59,175 29
Contract for erecting sheds on Piers New 43 and New 46, North River.....	7,683 20
Contract for paving Pier New 1 and Boat Landing, North River.....	6,552 20
Carried forward....	\$288,239 45
	<hr/>
	\$650,103 43

# STATEMENT OF THE REVENUES AND DISBURSEMENTS—Continued.

\$650,102 43

\$288,239 45

652 16

42,480 98

3,462 71

28,144 70

2,879 15

19,471 17

6,287 72

1,003 67

261 98

54 00

\$392,937 60

Brought forward.....  
Drawing materials and surveying instru-  
ments.....  
Dredging.....  
General expenses, including plumbing and  
gas-fitting on new piers, fire insurance on  
sheds, etc.....  
Granite, rip-rap, broken stone, cobble-stone  
and sand.....  
Iron, steel and nails.....  
Lumber and piles.....  
Maintenance of Floating property, Derricks,  
Tug, Dredges, Scows and Pile-Drivers, and  
of Department Yards.....  
Stationery, printing and maps.....  
Supplies for Tug, Dredges, Pile-Drivers, etc.  
Towing....

## As per annexed Schedule C.:

Salaries of the Commissioners of Docks.....	\$6,000 00	
Salaries of the Office of the Engineer-in-Chief.	22,200 00	
Salaries of Superintendents of Construction..	6,250 00	
		<u>34,450 00</u>

## As per annexed Schedule D.:

## Pay-rolls—

Office of Engineer-in-Chief .....	\$4,405 77	
Surveying force.....	7,478 05	
Captains, engineers, crews and watchmen on Floating property .....	15,232 32	
Masons, dock-builders, laborers and watch- men.....	55,169 45	
Blacksmiths, stone-cutters, laborers and watchmen, in Department Yards....	13,125 61	
		<u>95,401 20</u>

\$522,788 89

Carried forward.....

\$522,788 89\$660,102 43

# STATEMENT OF THE REVENUES AND DISBURSEMENTS.—Continued.

Brought forward.....	\$522,788 99	\$660,102 48
<b>2. For General Repairs:</b>		
As per annexed Schedule E:		
Dredging.....	\$25,760 33	
Lumber.....	3,736 25	
Miscellaneous expenses.....	464 11	
	<u>\$29,960 69</u>	
As per annexed Schedule F:		
Pay-rolls of dock-builders, laborers and watchmen.....	14,525 15	44,485 84
<b>3. For Annual Expense:</b>		
As per annexed Schedule G:		
Advertising (public sales, etc.).....	\$228 40	
Office Rent and contingent expenses.....	11,874 81	
Stationery and printing, Commissioners' offices.....	1,188 75	
	<u>\$12,736 96</u>	
As per annexed Schedule H:		
Salaries of officers and appointees.....	19,706 94	32,498 90
		<u>\$99,768 68</u>

## II.—BALANCE :

Amount of proceeds of Dock Bonds approximated as being in the hands of the Comptroller on April 30th, 1880, available for the future uses and purposes of this Department; (unpaid audited claims and outstanding warrants being here considered)..... \$50,333 80.

New York, September 8th, 1880.

Respectfully submitted to the Board,

WM. M. WHITNEY,  
*Chief Clerk.*

*Approved and adopted:*

H. F. DIMOCK,  
JACOB VANDERPOEL,  
*Commissioners of Docks.*



**THE MAYOR, ALDERMEN AND COMMONS**  
**with the BOARD OF THE DEPARTMENT OF THE DEW**  
**the year 1879**

Dr.

To deposits of money made prior to May 1st, 1879, being for payments in advance of rents accruing after that date and credited in this account.....	\$18,1
To deposits of money with the Chamberlain.	809,1
To bills and claims audited for wharf property acquired, for materials and supplies furnished and for services rendered, to wit:	
On Construction account..	\$522,788 89
On General Repairs account.	44,485 84
On Annual Expense account.	32,493 90
	599,1
To balances of Bankrupt accounts closed during the year.....	3,
To credits given the Counsel to the Corporation during the year.....	2,
To balance carried forward.....	352,
	<u>\$1,785,</u>

NEW YORK, September 8th, 1880.

WM. M. WHITNEY,  
*Chief*

**CITY OF NEW YORK in account  
OF DOCKS, for and during  
the year ending at that date, to**

CR.

On April 30th, 1879, as per report  
the year ending at that date, to

Unpaid balances . . . . .	\$306,821 87	
Unpaid funds . . . . .	186,841 43	
Unpaid rent fund . . . . .	1,000 00	
	<hr/>	\$494,663 30
Payments for Dock Bonds . . . . .		453,530 00
Income on Dock Bonds sold . . . . .		8,560 00
Proceeds of sales of old material . . . . .		511 50
Expense for repairs made for use of private wharves . . . . .		1,094 67
Expense for pile-drivers, scows, etc., for use in raising private wharves, etc. . . . .		3,421 35
Interest collected . . . . .		50 00
Interest received . . . . .		238 46
Expense for maps . . . . .		6 40
Amount credited to the Dock Fund . . . . .		4,701 00
Amount of Slip rent . . . . .		809,676 66
Advances . . . . .		9,406 25
		<hr/>
		\$1,785,859 59

On April 30th, 1880, to wit:

Unpaid balances . . . . .	\$297,545 92	
Unpaid funds . . . . .	53,863 80	
Unpaid rent fund . . . . .	1,000 00	
	<hr/>	\$352,409 72

H. F. DIMOCK,  
JACOB VANDERPOEL,

*Commissioners, composing the Board of the Department of Docks.*

# BALANCE SHEET.

Dr.

APRIL 30TH, 1880.

Cr.

Jacob Vanderpoel, Treasurer.....	\$1,000 00	
Sundry Lessees, (As per Schedule A.)....	109,102 83	
Accrued Wharfage uncol- lected (As per Schedule I.)...	708 30	
Counsel to the Corporation.....	187,734 79	
Dock Fund.....	50,333 80	
Commissioners of the Sinking Fund.....	3,530 00	
	<u>\$352,409 72</u>	
The Mayor, Aldermen and Commonalty of the City of New York.....		\$352,409 72

## Schedule A.

LEDGER BALANCES, APRIL 30TH, 1880.

(Trial Balance.)

DR.	FOL.		CR.
	47	Interest.....	\$59 88
	48	Sales of old material.....	511 50
	50	Fines collected.....	50 00
\$809,274	47	53 J. Nelson Tappan, <i>Chamberlain</i> ...	
		58 Sales of Maps.....	6 40
106	78	59 James Fitzpatrick, <i>Superintendent</i> .	
319,258	89	64 Construction.....	
44,485	84	65 General Repairs.....	
32,498	90	67 Annual Expense.....	
66	75	77 John Butler, <i>Superintendent</i> ...	
532	27	79 John M. Smith, <i>Superintendent</i> ...	
2	50	82 Wm. McConkey, <i>Superintendent</i> ...	
		84 Rent Advances.....	9,406 25
1,000	00	86 Jacob Vanderpoel, <i>Treasurer</i> ....	
3,530	00	88 Commissioners of the Sinking Fund.....	
187,734	79	90 Counsel to the Corporation.....	
45,811	38	92 Dock Fund.....	
		94 Leased wharves.....	754,750 29
		96 Land under water.....	43,875 00
		98 Unleased wharves.....	11,051 37
		100 The Mayor, Aldermen and Com- monalty.....	940,203 69
		102 Repairs for private owners, etc...	4,516 02
211,030	00	104 Acquired property.....	
		Sundry Lessees:	
109,102	83	(This amount being wholly com- posed of accrued Rents. charged to 60 tenants, of which amount \$78,762.50 is not payable until May 1st, 1880.)	
		276 to 473	
\$1,764,430	40		\$1,764,430 40

## Schedule B.

## BILLS AND CLAIMS AUDITED ON CONSTRUCTION ACCOUNT.

ACQUIRED PROPERTY.		
William Inman .....	\$200,000 00	
James Matthews .....	1,000 00	
William H. Wickham .....	1,000 00	
Louis Fitzgerald .....	1,000 00	
Edward B. Dickinson .....	500 00	
John Foy .....	80 00	
		\$203,530 00
ADVERTISING.		
Journal of Commerce .....	\$10 80	
The Evening Post .....	10 80	
The World .....	15 40	
New York Staats-Zeitung .....	6 50	
		43 50
CEMENT.		
Johnson & Wilson .....	\$2,054 00	
Stephen L. Merchant .....	166 50	
Arthur C. Babson, Agent .....	6,689 76	
		8,910 26
COAL FOR TUG, PILE-DRIVERS, ETC.		
D. McM. Niven, Agent .....	\$1,033 50	
Niven & Co., Agents .....	1,150 50	
Castle Point Coal Co. ....	161 00	
		2,345 00
CONTRACTS FOR BUILDING PIERS.		
P. Sanford Ross & Jos. B. Sanford .....	\$39,285 29	
Thomas and Augustin Walsh .....	19,890 00	
		59,175 29
Carried forward .....		\$274,004 05

Brought forward.....		\$274,004 05
CONTRACT FOR ERECTING SHEDS ON PIERS NEW 43 AND NEW 46, N. R.		
In re Maguire vs. The Mayor, etc.....	\$7,683 20	7,683 20
CONTRACT FOR PAVING PIER NEW 1 AND BOAT LANDING, N. R.		
Abbott Asphalt Co. ....	\$6,552 20	6,552 20
DRAWING MATERIALS AND SURVEYING IN- STRUMENTS.		
A. S. Barnes & Co. ....	\$126 04	
Keuffel & Esser. . . . .	107 62	
Robert Merrill's Sons.....	40 00	
T. S. & J. D. Negus . . . . .	4 50	
Stackpole & Brother . . . . .	374 00	652 16
DREDGING.		
Union Dredging Co. ....	\$42,480 98	42,480 98
GENERAL EXPENSES, INCLUDING PLUMBING AND GAS FITTING ON NEW PIERS, IN- SURANCE ON SHEDS, ETC.		
A. S. Barnes & Co. ....	\$2 40	
Thos. C. Townsend.....	290 65	
Patterson Bros . . . . .	13 41	
Gold & Stock Telegraph Co . . . . .	315 76	
Hodgman & Co. ....	200 00	
Knickerbocker Ice Co. ....	27 27	
Bradley, Kurtz & Co . . . . .	40 50	
Consumers' Ice Co. ....	18 47	
Incidentals . . . . .	618 92	
Stevens Institute of Technology . . . . .	35 50	
Quackenbush, Townsend & Co. ....	11 83	
John B. Barazzi.....	11 50	
L. G. Tillotson & Co. ....	14 00	
Carried forward.....	\$1,600 21	\$381,372 59

Brought forward.....	\$1,600 21	\$331,372 59
New York Roofing Co....	138 60	
E. W. Page & Son.....	8 88	
John D. Crimmins.....	68 50	
Josiah Partridge & Co.....	22 00	
M. Goldberg & Son.....	8 75	
George S. Woolman.....	20 00	
E. C. Bridgman.....	6 60	
Arthur R. King.....	248 00	
M. A. Shute, Ext'x.....	22 84	
E. G. Hilton.....	35 25	
Rowe & Denman.....	229 71	
Theron S. Atwater.....	241 00	
R. Hoe & Co.....	108 52	
Commercial Union Assurance Co.....	200 00	
Royal Ins. Co.....	200 00	
Liverpool & London & Globe Ins. Co.....	250 00	
Lehn & Fink.....	11 30	
C. F. A. Hinrichs.....	4 50	
S. & M. Morris.....	7 50	
H. J. Douglass ..	2 00	
E. & H. T. Anthony & Co.....	28 55	
		3,462 71
GRANITE, RIP-RAP, BROKEN STONE, COBBLE STONE AND SAND.		
John M. C. Scully....	\$6,659 72	
James Mulry.....	852 70	
John A. Bouker.....	12,628 33	
Michael Ryan.....	41 40	
John B. Devlin.....	1,121 25	
John M. C. Scully and James O'Neil.....	266 00	
Cyrus J. Hall.....	6,575 30	
		28,144 70
IRON, STEEL AND NAILS.		
Wetmore & Co.....	\$362 80	
Thos. C. Townsend.....	16 00	
Patterson Bros.....	25 75	
A. R. Whitney.....	57 65	
J. L. Mott Iron Works.....	440 60	
Peter Timmes' Son.....	946 99	
George Smith.....	489 35	
Herring & Floyd.....	405 31	
Daniel W. Richards & Co.....	134 70	
		2,879 15
Carried forward.....		\$365,859 15

Brought forward.....		\$365,859 15
<b>LUMBER AND PILES.</b>		
John J. Lawrence.....	\$744 61	
P. C. Coffin, Agent.....	907 82	
Drew & Bucki.....	205 94	
Thomas J. Crombie.....	105 00	
J. C. Moore .....	50 48	
W. B. Ferguson & Son.....	5 88	
John Bryant .....	274 40	
J. Disosway & Co.....	6 64	
J. Crouch & Co.....	466 86	
D. C. Coney.....	750 00	
Alfred J. Murray.....	14,820 20	
City of Hoboken .....	7 84	
George L. Neville.....	1,125 50	
		19,471 17
<b>MAINTENANCE OF FLOATING DERRICKS, TUG. DREDGES, SCOWS, PILK-DRIVERS AND BORING MACHINE, AND OF DEPARTMENT YARDS.</b>		
Wm. McDonagh & Co.....	\$938 63	
Thos. C. Townsend.....	209 76	
Hodgman & Co.....	109 50	
W. B. Ferguson.....	37 21	
W. B. Ferguson & Son.....	36 94	
Handren & Robins.....	341 54	
Theo. Smith & Bro.....	345 87	
E. W. McClave & Co .....	14 69	
Thomas Davies.....	25 00	
J. Disosway & Co. ....	24 30	
Screw Dock Co.....	261 99	
C. T. Reynolds & Co .....	268 08	
Josiah Macy's Sons.....	108 89	
J. Crouch & Co .....	334 01	
Quackenbush, Townsend & Co.....	36 75	
DeGrauw, Aymer & Co.....	540 85	
John F. Walsh .....	1,429 51	
Commercial Fire Ins. Co.....	30 00	
Clinton Fire Ins. Co.....	30 00	
Guardian Fire Ins. Co.....	30 00	
Lorillard Ins. Co.....	60 00	
Relief Fire Ins. Co.....	30 00	
Carried forward.....	\$5,243 52	\$386,330 32



Brought forward.....	\$5,243 52	\$385,330 32
Continental Ins. Co .. .. .	30 00	
Pacific Fire Ins. Co .. .. .	30 00	
Chas. M. Childs.....	28 80	
N. F. Palmer, Jr., & Co... ..	49 90	
E. Imhauser.....	2 00	
Henry Pym.....	42 00	
Brinckerhoff, Turner & Co .. .. .	15 84	
Gustavus Pierrez. ....	7 50	
J. S. Mundy.....	130 00	
De Witt Wire Cloth Co.....	2 66	
R. F. Seaman & Co.....	26 25	
Benhams & Stoutenborough.....	55 50	
Binghamton Oil Refining Co.....	62 74	
Beverly S. Tyler.....	50 00	
Robinson, Lord & Co.....	13 20	
Dan'l J. Carroll.....	35 00	
James C. Hoe & Co.....	40 80	
R. H. Allen & Co.....	105 00	
J. & J. Dobson. ....	16 37	
Chas. Pratt & Co.....	9 92	
Richard Heather .. .. .	30 00	
Eagle Fire Co. ....	30 00	
Exchange Fire Ins. Co....	30 00	
Jefferson Ins. Co.....	15 00	
Montauk Fire Ins. Co.....	30 00	
New York Bowery Fire Ins. Co. ....	30 00	
Park Fire Ins. Co. ....	15 00	
Sterling Fire Ins. Co.....	30 00	
Williamsburgh City Fire Ins. Co.....	30 00	
J. B. Hoyt & Co.....	36 92	
Telfair & Snedeker.....	13 80	
		6,287 72
STATIONERY, PRINTING AND MAPS.		
A. S. Barnes & Co.....	\$562 56	
Wm. C. Bryant & Co.....	428 61	
Joseph Laing.....	12 50	
		1,003 67
SUPPLIES FOR TUG, DREDGES, PILE- DRIVERS, ETC.		
Patterson Bros. ....	\$33 69	
Carried forward.....	\$33 69	\$392,621 71

Brought forward....	\$33 69	\$392,621 71
Paul C. Coffin.....	217 98	
Handren & Ripley.....	10 36	
		261 98
TOWING.		
E. & A. Downer.....	\$54 00	
		54 00
		\$392,937 69

### Schedule C.

#### SALARIES AUDITED ON CONSTRUCTION ACCOUNT.

COMMISSIONERS OF DOCKS.		
Henry F. Dimock.....	\$3,000 00	
Jacob Vanderpoel.....	3,000 00	
		\$6,000 00
OFFICE OF ENGINEER-IN-CHIEF.		
G. S. Greene, Jr., Engineer-in-Chief .....	\$6,000 00	
Willard A. Nichols, First Assistant-Engineer.	3,600 00	
Wm. W. Maclay, Assistant-Engineer.....	2,500 00	
Charlton B. Kid, " .....	2,500 00	
David T. Keiller, Draughtsman.....	1,800 00	
Thos. J. Long, " .....	1,200 00	
Moses S. Barrett, Surveyor.....	1,500 00	
Chas. W. Raymond, Leveler.....	900 00	
John H. Staats, Transitman.....	1,000 00	
James O'Brien, Roundsman....	1,200 00	
		22,200 00
SUPERINTENDENTS OF CONSTRUCTION.		
Thos. Murphy, Superintendent of Masonry Construction.....	\$2,250 00	
James Guthrie, Superintendent of Construction	2,500 00	
Patrick White, Foreman-Dockbuilder.....	1,500 00	
		6,250 00
		\$34,450 00

## Schedule D.

## PAY-ROLLS AUDITED ON CONSTRUCTION ACCOUNT.

OFFICE OF ENGINEER-IN-CHIEF.		
Robert M. Kid, Assistant-Draughtsman.....	\$1,085 00	
William Livingstone, ".....	936 00	
Matthew J. Brennan, ".....	881 50	
Frederick Lange, Messenger.....	672 00	
Denis Meehan, Acting ".....	2 00	
James Dana, Jr., Copyist.....	218 00	
" " Clerk to Engineer-in-Chief..	609 00	
John K. Murphy, Temporary Copyist....	37	
George W. Barbor, Carpenter.....	1 90	
		\$4,405 77
SURVEYING FORCE.		
Six two-weeks' rolls, to July 19th, 1879.....	\$1,689 50	
Seven " " " October 25th, 1879..	1,714 05	
Seven " " " January 31st, 1880..	2,137 90	
Six " " " April 24th, 1880.....	1,936 60	
		7,478 05
CAPTAINS, ENGINEERS, CREWS AND WATCHMEN, ON FLOATING PROPERTY.		
Three monthly rolls, to July 31st, 1879.....	\$1,167 00	
" " " " October 31st, 1879...	1,160 54	
" " " " January 31st, 1880...	1,162 06	
" " " " April 30th, 1880.....	1,153 66	
Six two-weeks' rolls, to July 19th, 1879 ....	2,538 38	
Seven " " " " October 25th, 1879..	2,708 62	
Seven " " " " January 31st, 1880..	2,897 62	
Six " " " " April 24th, 1880.....	2,444 44	
		15,232 32
BLACKSMITHS, STONE CUTTERS, LABORERS AND WATCHMEN, IN DEPARTMENT YARDS.		
Six two-weeks' rolls, to July 19th, 1879. ....	\$2,871 69	
Seven " " " " October 25th, 1879...	4,413 57	
Seven " " " " January 31st, 1880..	3,962 35	
Six " " " " April 24th, 1880.....	1,878 00	
		13,125 61
Carried forward.....		\$40,241 75

Brought forward.....		\$40,241 75
<b>MASONS, DOCK-BUILDERS, LABORERS AND WATCHMEN, ON WORKS.</b>		
Six two-weeks' rolls, to July 19th, 1879. ....	\$8,852 34	
Seven " " October 25th, 1879...	16,666 82	
Seven " " January 31st, 1880...	13,579 07	
Six " " April 24th, 1880....	16,561 22	
		55,159 45
		<u>\$95,401 20</u>

### Schedule E.

#### BILLS AND CLAIMS AUDITED ON GENERAL REPAIRS ACCOUNT.

<b>DREDGING.</b>		
Union Dredging Co.....	\$5,086 63	
Chandler H. Loomis.....	20,673 70	
		<u>\$25,760 33</u>
<b>LUMBER.</b>		
John J. Lawrence.....	\$551 53	
Drew & Bucki.....	149 88	
Thos. J. Crombie.....	1,108 82	
D. C. Coney.....	1,926 02	
		3,786 25
<b>MISCELLANEOUS EXPENSES, INCLUDING PLUMBING, PAVING, ETC.</b>		
Thos. C. Townsend.....	\$143 87	
Wm. C. Bryant & Co.....	158 70	
Owen Deighen.....	150 00	
Varick & Hawkins .....	11 54	
		464 11
		<u>\$29,960 69</u>

## Schedule F.

## PAY-ROLLS AUDITED ON GENERAL REPAIRS ACCOUNT.

DOCK-BUILDERS, LABORERS AND WATCHMEN.			
Six two-weeks' rolls to July 19th, 1879.....		\$5,452 43	
Seven " " October 25th, 1879.....		3,778 57	
Seven " " January 31st, 1880.....		3,075 51	
Six " " April 24th, 1880.....		2,218 64	
			\$14,525 15

## Schedule G.

## BILLS AND CLAIMS AUDITED ON ANNUAL EXPENSE ACCOUNT.

ADVERTISING.			
Journal of Commerce.....	\$36 60		
New York Tribune.....	10 80		
New York Evening Express.....	70 20		
The World .....	8 40		
Commercial Advertiser Association.....	62 80		
New York Staats-Zeitung.....	11 60		
New York Herald.....	16 80		
New York Star.....	11 20		
			\$228 40
OFFICE RENT AND CONTINGENT EXPENSES.			
Thos. C. Townsend.....	\$189 95		
Knickerbocker Ice Co.....	16 00		
Consumers' Ice Co.....	23 70		
Incidentals .....	1,326 06		
Manhattan Real Estate Association.....	8,900 00		
John J. McCarthy.....	16 00		
New York Gas Light Co.....	72 03		
John B. Barazzi.....	146 25		
James I. Hart.....	35 00		
Popham & Co.....	32 00		
Carried forward.....	\$10,756 99		\$228 40

Brought forward.....	\$10,756 99	\$228 40
S. B. Goodale & Co.....	32 75	
Ferguson & Anderson.....	101 00	
B. S. Demarest.....	50 00	
John Early.....	434 07	
		11,374 81
<b>STATIONERY AND PRINTING.</b>		
A. S. Barnes & Co.....	\$351 25	
Martin B. Brown... ..	77 00	
Wm. C. Bryant & Co.....	586 95	
Levien & Childs.....	168 55	
		1,183 75
		\$12,788 96

## Schedule H.

### SALARIES AUDITED ON ANNUAL EXPENSE ACCOUNT.

<b>OFFICERS AND APPOINTEES.</b>		
Eugene T. Lynch, Secretary... ..	\$3,500 00	
Wm. M. Whitney, Chief Clerk. ....	3,000 00	
Wm. McConkey, Superintendent.....	1,500 00	
James Fitzpatrick, " .....	1,500 00	
John M. Smith, " .....	1,500 00	
John Butler, " .....	1,500 00	
George T. May, Temporary Clerk.....	1,500 00	
Edward Dickel, " " .....	1,500 00	
John K. Murphy, Copyist.....	273 05	
Edward G. Ames, Clerk.....	195 00	
Amzi Cook, Doorman.....	721 00	
Thos. Early, Messenger.....	854 17	
George S. Hunt, " .....	403 82	
Eugene Conkling, Office Messenger.....	570 00	
Frederick W. Beatty, Office Messenger.....	213 00	
James W. Marshall, Night Watchman.....	823 50	
Thos. McCann, Sunday Watchman.....	112 30	
Dan'l Connolly " " .....	41 60	
		\$19,706 94

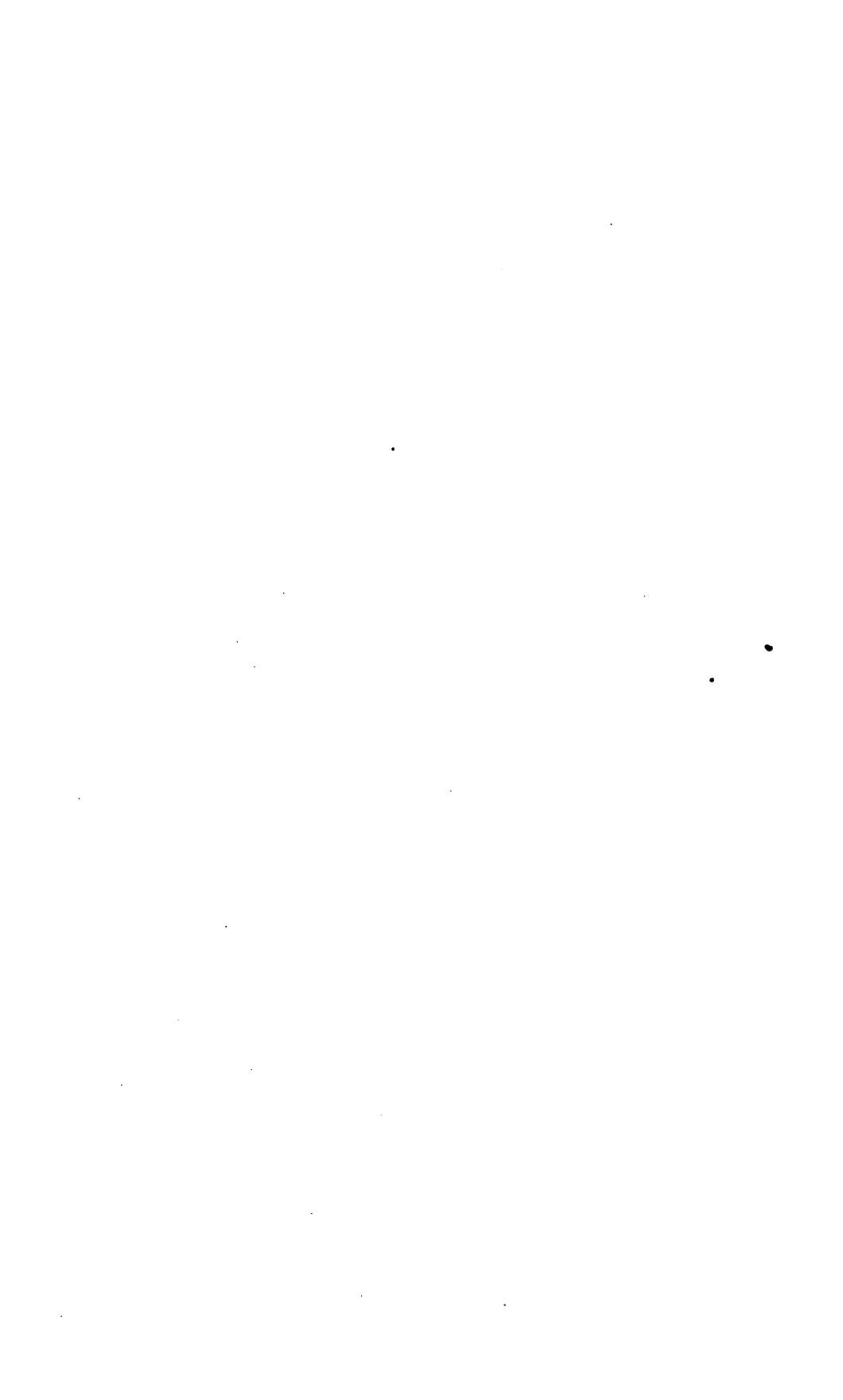
## Schedule I.

WHARFAGE FROM UNLEASED WHARVES FOR THE YEAR  
ENDING APRIL 30TH, 1880.

	BALANCE UN- COLLECTED APRIL 30TH, 1879.	ACCRUED THIS YEAR.	BALANCE UNCOL- LECTED APRIL 30TH, 1880.
<b>DISTRICT NO. 1, NORTH RIVER.</b>			
<i>As per account with John M Smith Superintendent.....</i>	\$215 09		
Pier New 1, North River.....		\$6,093 64	
Bulkhead at Hoboken Street, North River.....		1 00	
Pier Old 44, North River. ....		404 24	
" New 41, " " .....		822 04	
" New 43, " " .....		1,167 82	
" at West 11th Street, North River		53 84	
Bulkhead between Piers New 38 and New 39, North River.....		256 63	
Bulkhead between Piers New 39 and New 40, North River.....		154 54	
Bulkhead between Piers New 40 and New 41, North River.....		118 15	
Bulkhead between Piers New 41 and New 42, North River.....		361 18	
Bulkhead between Piers New 42 and New 43, North River.....		250 70	
		\$9,685 78	\$532 27
<b>DISTRICT NO. 2, NORTH RIVER.</b>			
<i>As per account with James Fitzpat- rick, Superintendent.....</i>	\$165 23		
Pier at 30th Street, North River....		\$3 06	
" 35th " " .....		33 71	
Bulkhead at 36th Street, North River		12 00	
		\$48 71	106 78

	BALANCE UN- COLLECTED APRIL 30TH, 1879.	ACCRUED THIS YEAR.	BALANCE UNCOL- LECTED APRIL 30TH, 1880.
Brought forward.....			\$639 05
DISTRICT NO. 1, EAST RIVER.			
As per account with William McCon- key, Superintendent .....	\$112 46		
Pier 51, East River.....		\$2 50	
" 51½ " " .....		4 50	
" 52 " " .....		13 96	
" 53 " " .....		12 20	
		\$33 16	2 50
DISTRICT NO. 2, EAST RIVER.			
As per account with John Butler, Su- perintendent.....	\$136 86		
Pier at 3d Street, East River.....		\$759 88	
" 16th " " " .....		5 43	
" 20th " " " .....		22 50	
" 23d " " " .....		60 00	
" 28th " " " .....		9 50	
" 29th " " " .....		20 16	
Bulkhead at 31st Street, East River.....		13 09	
Pier at 33d Street, East River.....		85 00	
" 46th " " " .....		111 30	
" 47th " " " .....		7 75	
" 54th " " " .....		5 00	
" 61st " " " .....		84 59	
" 86th " " " .....		75	
" 106th " Harlem River.....		19 90	
" 117th " " " .....		41 42	
" 125th " " " .....		7 25	
" 129th " " " .....		30 20	
		\$1,283 72	66 75
Total amount accrued in the year.....		\$11,051 37	
Total amount outstanding, Apr 30th, 1880.....			\$708 30





**RENT-ROLL**

**OF**

**LEASES AND PERMITS**

**IN FORCE**

**ON AND AFTER MAY 1st, 1880.**

## RE

SHOWING THE OCCUPANCY, ON MAY 1ST, 1880, OF ALL  
THE DEPARTMENT OF DOCKS; INCLUSIVE OF ALL LEASES  
AND PERMITS TERMINATED DURING THE YEAR

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY
<b>NORTH RIVER.</b>		
Berth on south side of Pier New 1.....	Old Dominion S. S. Co.....	Terminated April 20, 18
Extension to bulkhead between Piers 3 and 6, and widening Piers 4 and 5.....	Union R. R. & Transportation Co.....	May 1, 1873, to May 1,
Platforms at bulkheads between Piers 6 and 8.	N. Y. & Baltimore Transportation Line.	At pleasure of the Board
Platform between Piers 8 and 9.....	Clark & Seaman....	At pleasure of the Board
Extension to Pier 9....	William Cruikshank, Agent....	At pleasure of the Board
North half Pier 12, Pier 13, and bulkhead between.....	Russell Sturgis.....	Aug. 1, 1869, to Aug. 1
Extension to Pier 13....	Appleton Sturgis....	Aug. 1, 1873, to Aug. 1
North half Pier 12 and half bulkhead.....	Francis S. Lathrop..	Aug. 1, 1879, to Aug. 1
Pier 13 and half bulkhead southerly.....	Francis S. Lathrop..	Aug. 1, 1879, to Aug. 1
Platforms between Piers 12 and 13, and 13 and 14.....	Central R. R. Co. of New Jersey.....	At pleasure of the Board
South half Pier 14 and bulkhead adjoining...	Central R. R. Co. of New Jersey.....	May 1, 1876, to May 1,

# **ROLL;**

**ATION WHARF PROPERTY UNDER LEASES AND PERMITS OF  
D, WITHIN THE YEAR BY PUBLIC SALE, AND OF ALL LEASES  
DED.**

RENT.		RIGHT OF TENANCY.
Leases, etc., Terminated.	Leases, etc., in force on and after May 1, 1880.	
\$400 per mo. ....		By Resolutions September 26, 1879, and January 28, 1880.
.....	\$12,500 per ann..	By Resolution April 30, 1873.
.....	300 per ann..	By Resolution January 2, 1878.
.....	1,250 per ann..	By Resolution October 9, 1879.
.....	700 per ann..	By Resolution October 9, 1879.
\$750 per ann.. ..		By Commissioners of the Sinking Fund, May 31, 1869.
750 per ann.. ..		By Resolution June 12, 1873.
.....	3,000 per ann..	By Public Sale March 13, 1879
.....	15,000 per ann..	By Public Sale March 13, 1879.
.....	1,600 per ann..	By Resolution August 5, 1879.
.....	10,010 per ann..	By Public Sale March 7, 1876.

## (NORTH RIVER.)

## RENT I

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENAN
Extension westerly to Pier 14. ....	Central R. R. Co. of New Jersey .....	At pleasure of the Bo
Widening south side Pier 14. ....	Central R. R. Co. of New Jersey .....	At pleasure of the Bo
Platform south of Pier 16. ....	Pennsylvania R.R.Co.	At pleasure of the B
South half Pier 18 and part bulkhead adjoining .....	Associates of the Jersey Co. ....	May 1, 1876, to May
Platform between Piers 18 and 19, etc. ....	Delaware, Lackawanna & Western R. R. Co. ....	May 1, 1878, to 3 mo
Platform between Piers 18 and 20 .....	John H. Starin. ....	At pleasure of the Bo
Pier 20 and bulkhead southerly .....	Francis MacDonald..	May 1, 1868, to 3 mo
Extension to Pier 20....	Francis MacDonald..	June 15, 1874, to 3 m
Bulkhead between Piers 20 and 21. ....	Henderson Brothers, Agents,(Assignees).	Nov. 1. 1869, to May
Pier 21. ....	Henderson Brothers, Agents. ....	Feb. 1, 1870, to May
Extension to Pier 21....	Henderson Brothers, Agents. ....	June 15, 1874, to Ma
Pier 21 and bulkhead adjoining south side...	William Coverly....	May 1, 1880, to May
South half Pier 22 (sometimes named 23) and bulkhead adjoining...	Stephens & Condit Transportation Co.	June 1, 1878, to June

*Continued.*

RENT.		RIGHT OF TENANCY.
Leases, etc., terminated.	Leases, etc., in force on and after May 1st, 1880.	
.....	\$400 per ann..	By Resolution October 2, 1879.
.....	250 per ann..	By Resolution November 6, 1879.
.....	800 per ann..	By Resolution July 9, 1879.
.....	7,510 per ann..	By Public Sale March 7, 1876.
.....	400 per ann..	By Resolution March 6, 1878.
.....	1,200 per ann..	By Resolutions May 15, 1873, and Decem- ber 15, 1875.
.....	9,000 per ann..	By the Mayor, &c., lease dated Decem- ber 6, 1867.
.....	2,500 per ann..	By Resolution March 11, 1874.
\$2,000 per ann..	.....	By Commissioners of the Sinking Fund, December 17, 1869, and Resolution, October 30, 1879.
3,000 per ann..	.....	By Commissioners of the Sinking Fund, May 31, 1869, and Resolution January 28, 1880.
2,000 per ann..	.....	By Resolutions March 11, 1874, and January 28, 1880.
.....	12,000 per ann..	By Public Sale April 13, 1880.
.....	2,910 per ann..	By Public Sale March 14, 1878.

## (NORTH RIVER.)

## RENT ROLL

PROPERTY.	LESSEE OR OCCUPANT.	TERMS OF TENANCY.
Platform at bulkhead north of Pier Old 28..	Old Colony S. B. Co.	At pleasure of the Board....
South half Pier 29.....	Providence & Stonington Steamship Co. (Assignee)....	Feb. 1, 1870, to Feb. 1, 1880.
South half Pier 29 (including whole surface of pier).....	Providence & Stonington S. S. Co....	Feb. 1, 1880, to May 1, 1882.
Widening south side Pier 29.....	George W. Quintard, Agent .....	May 1, 1871, to Feb. 1, 1880.
North half Pier 29.....	Erie Railway Co....	Feb. 1, 1870, to Feb. 1, 1880, now holding over.....
Pier 30 .....	Pavonia Ferry Co...	At pleasure of the Board.....
Pier 31 and one-half of bulkhead on each side thereof.....	Erie Railway Co....	At pleasure of the Board.....
Pier 32 and one-half of bulkhead on each side thereof.....	Erie Railway Co. (Assignee).....	At pleasure of the Board.....
Platforms on each side of Pier 32 at bulkhead...	Erie Railway Co....	At pleasure of the Board.....
South half Pier 33 and half bulkhead adjoining.....	Providence & Stonington Steamship Co .....	At pleasure of the Board.....
Platform north side Pier 33.....	Providence & Stonington Steamship Co.....	At pleasure of the Board.....
North half Pier Old 34..	J. H. Tremper & S. D. Coykendall....	At pleasure of the Board.....
Pier Old 35.....	Homer Ramsdell....	May 1, 1879, to removal for New Pier.....

1.

RENT.		RIGHT OF TENANCY.
etc., ited.	Leases, etc., in force on and after May 1st, 1880.	
.....	\$300 per ann..	By Resolutions July 9 and 23, 1879.
ann..	.....	By Commissioners of the Sinking Fund, lease dated January 18, 1870.
.....	25,100 per ann..	By Commissioners, December 3, 1879, and Public Sale April 13, 1880.
in.....	.....	By Resolution February 9, 1871.
.....	7,500 per ann..	By Commissioners of the Sinking Fund, lease dated January 18, 1870.
.....	15,000 per ann..	} (Holding over till completion of new work.)
.....	12,500 per ann..	
.....	10,500 per ann..	
.....	1,500 per ann..	By Resolution September 1, 1873.
.....	10,000 per ann..	By Resolution April 6, 1876.
.....	350 per ann	By Resolution August 1, 1872.
.....	7,050 per ann..	(Holding over under Lease by Public Sale March 14, 1878.)
.....	15,000 per ann..	By Resolution November 27, 1878.



## (NORTH RIVER.)

## RENT 1

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENAN
Platform south side Pier Old 36.....	Bogert & Morgan, Agents.....	At pleasure of the B
Pier Old 36.....	Bogert & Morgan Agents, (Assignees)	Feb. 1, 1870, to Feb.
Pier Old 36.....	Bogert & Morgan, Agents, (Assignees)	Feb. 1, 1880, to re New Pier.....
Pier Old 37.....	Old Dominion Steamship Co.....	Terminated Aug. 1,
Pier Old 37.....	Old Dominion Steamship Co.....	To completion of Ne
Pier Old 38 and North Battery.....	Pennsylvania R. R. Co. (Assignee)...	At pleasure of the Bo
Pier Old 39.....	Associates of the Jersey Co. and A. Van Santvoord and H. P. Farrington..	May 1, 1879, to re New Pier.....
Platform, north side, at Desbrosses st.....	New Jersey R. R. & Transportation Co.	At pleasure of the B
Pier Old 40 and bulkhead northerly.....	Harvey P. Farrington	May 1, 1873, to May
Pier Old 42 and bulkhead southerly.....	Edgar W. Youmans..	At pleasure of the B
Pier New 34 and one-half bulkhead each side...	Pacific Mail Steamship Co.....	Sept. 1, 1874, to Sep
Pier New 35 and bulkhead northerly (formerly Old 43).....	William R. Garrison..	May 1, 1873, to May

*ued.*

RENT.		RIGHT OF TENANCY.
as, etc., inated.	Leases, etc., in force on and after May 1st, 1880.	
.....	\$250 per ann..	By Resolution August 8, 1877.
10 per ann. ....	.....	By Commissioners of the Sinking Fund, May 31, 1869.
.....	15,000 per ann.	By Resolutions November 27, 1878, and April 30, 1879.
per ann. ....	.....	By Resolution August 14, 1878.
.....	To be hereafter determined....	By Resolution July 16, 1879.
.....	\$18,000 per ann..	(Holding over under Lease by Commis- sioners of the Sinking Fund, May 31, 1869.)
.....	15,000 per ann..	By Resolution Nov. 27, 1878.
.....	1,000 per ann..	By Resolution Nov. 2, 1871.
.....	10,000 per ann..	By Resolution March 14, 1873.
.....	4,500 per ann...	(Holding over under lease by Public Sale March 13, 1879.)
.....	45,000 per ann..	By Resolution July 23, 1874.
.....	22,500 per ann..	By Resolution April 24, 1873.

## (NORTH RIVER.)

## RENT F

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENAN
Pier New 37 (formerly Old 45) . . . . .	John G. Dale, Agent.	Nov. 1, 1869, to Nov. 1
Pier New 37 (formerly Old 45). . . . .	John G. Dale, Agent.	To completion of 1886. . . . .
Bulkhead between Piers New 37 and New 38..	Booth & Edgar. . . . .	At pleasure of the Bo
Pier New 38 . . . . .	Williams & Guion. . .	May 1, 1878, to May 1
Pier New 39. . . . .	Francis W. J. Hurst, (National S. S Co., Limited). . . . .	Feb. 1, 1878, to Feb. 1
Pier New 40 (except use of water on north side)	Cunard Steamship Co. (Limited), . . . . .	May 1, 1879, to May 1
South half of bulkhead and of slip, north side of Pier New 40. . . . .	Central R. R. Co. of New Jersey. . . . .	May 1, 1879, to May 1
Pier New 41 (formerly Old 49). . . . .	Knickerbocker Ice Co.	Dec. 1, 1869, to Dec. 1
Pier New 41 (except portions reserved). . . . .	Citizens S. B. Co. of Troy. . . . .	Season of 1880. . . . .
Pier New 42. . . . .	Compagnie Générale Transatlantique. . .	Nov. 1, 1876, to Nov.
Pier New 43. . . . .	Old Dominion S. S. Co. . . . .	At pleasure of the Bo
Bulkhead and slip between Piers New 43 and New 44. . . . .	Hoboken Land & Improvement Co. . . .	May 1, 1874, to May 1
Piers New 44 and New 45, bulkhead between and one-half bulkhead north of New 45. . . . .	Oceanic Steam Navigation Co. . . . .	July 1, 1874, to July 1

inued.

RENT.		RIGHT OF TENANCY.
ases, etc., rminated.	Leases, etc., in force on an after May 1st, 1880.	
0 per ann..		By Commissioners of the Sinking Fund, May 31, 1869.
.....	\$15,000 per ann..	By Resolution Nov. 20, 1879.
.....	1,000 per ann..	By Resolution June 28, 1876.
.....	30,000 per ann..	By Resolutions April 26, 1876, and Jan- uary 30, 1878.
.....	30,000 per ann..	By Resolutions April 26, 1876, and Jan- uary 30 and July 17, 1878.
.....	22,500 per ann..	By Resolutions April 26, 1876, and April 29, 1878.
.....	7,500 per ann..	By Resolution April 26, 1876.
0 per ann..		By Commissioners of the Sinking Fund, May 31, 1869.
.....	7,500 for term..	By Resolution February 11, 1880.
.....	30,000 per ann..	By Resolution February 18, 1875.
.....	15,000 per ann..	By Resolutions August 14, 1878, and July 16, 1879.
.....	15,000 per ann..	By Resolution February 2, 1874.
.....	45,000 per ann..	By Resolution December 4, 1873.

## (NORTH RIVER.)

## RENT R

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY
Pier New 46.....	Thomas Henderson..	May 1, 1878, to May 1,
Pier New 47 and bulkhead southerly.....	Quebec and Gulf Ports S.S. Co. (Assignee).	May 1, 1878, to May 1
Bulkhead along easterly side of approach to Piers New 46 and New 47.....	Quebec and Gulf Ports S.S. Co. (Assignee).	May 1, 1878, to May 1
Bulkhead south of Pier 54.....	Wm. H. Christie....	May 1, 1878, to May 1
Pier 54.....	Henry Miller Jr....	May 1, 1878, to May 1
Pier at 11th st. and bulkhead extension to west line of West st.....	Charles E. Boardman	May 1, 1879, to May 1
Bulkhead at Bank st....	Knickerbocker Ice Co.	May 1, 1878, to May 1
Pier at Bethune st. (except reservation for Public Bath).....	Decker & Rapp.....	May 1, 1878, to May 1
Pier at Jane st.....	Decker & Rapp.....	May 1, 1878, to May 1
Pier at Horatio st.....	William G. Schenck.	May 1, 1878, to May 1
Pier at Gansevoort st. (with reservation to cancel, if required by new Public Market)...	Daniel Shea.....	May 1, 1879, to May 1
Bulkhead north of Pier at Gansevoort st.....	New York City Ice Co.	May 1, 1878, to May 1
Pier north of Bloomfield st.....	Felix Dougherty....	May 1, 1878, to May 1
Bulkhead south of Pier at Little 12th st. (except reservation for use of hydrant).....	Drew & Bucki.....	May 1, 1878, to May 1
Pier at Little 12th st....	Drew & Bucki.....	May 1, 1878, to May 1
Platform at Bulkhead south of 13th st.....	Drew & Bucki.....	At pleasure of the Bo

*ued.*

RENT.		RIGHT OF TENANCY.
1, etc., inated.	Leases, etc., in force on and after May 1st, 1880.	
....	\$20,000 per ann..	By Resolutions May 15 and 22, and July 10, 1878.
.....	4,500 per ann..	By Public Sale March 14, 1878, and Resolution July 23, 1879.
.....	1,000 per ann..	By Public Sale March 14, 1878, and Resolution July 23, 1879.
.....	6,000 per ann..	By Public Sale March 14, 1878.
.....	3,000 per ann..	By Public Sale March 14, 1878.
.....	4,500 per ann..	By Public Sale March 13, 1879.
.....	300 per ann..	By Public Sale April 22, 1878.
.....	375 per ann..	By Public Sale March 14, 1878.
.....	895 per ann..	By Public Sale March 14, 1878.
.....	750 per ann..	By Public Sale March 14, 1878.
.....	1,500 per ann..	By Public Sale April 28, 1879.
.....	1,250 per ann..	By Public Sale March 14, 1878.
.....	1,000 per ann..	By Public Sale March 14, 1878.
.....	510 per ann..	By Public Sale March 14, 1878.
.....	750 per ann..	By Public Sale April 15, 1878.
.....	500 per ann..	By Resolution Nov. 1, 1876.

## (NORTH RIVER).

## RENT ROLL

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.
North half Pier at 13th st.	A. C. Cheney, Pres't.	May 1, 1878, to May 1, 1880
Bulkhead at 14th st. . . . .	Mutual Benefit Ice Co.	May 1, 1878; to May 1, 1880
Pier at 15th st. . . . .	A. C. Cheney. . . . .	May 1, 1878, to May 1, 1880
Pier at 16th st. . . . .	A. C. Cheney. . . . .	May 1, 1878, to May 1, 1880
Pier at 17th st. . . . .	Manhattan Gas Light Co. . . . .	May 1, 1878, to May 1, 1880
Pier at 18th st. . . . .	Manhattan Gas Light Co. . . . .	May 1, 1878, to May 1, 1880
Bulkhead at 19th st. . . . .	D. C. Newell & Sons.	May 1, 1879, to May 1, 1880
Pier at 20th st. . . . .	Knickerbocker Ice Co.	May 1, 1876, to May 1, 1880
Extension to Pier at 20th st. . . . .	Knickerbocker Ice Co.	At pleasure of the Board..
Pier at 22d st. . . . .	A. Van Santvoord. . . . .	May 1, 1876, to May 1, 1880
Extension to Pier at 22d st. . . . .	A. Van Santvoord. . . . .	June 20, 1876, to May 1, 1880
Bulkhead at 23d st., with land under water covered by Ferry platform.	N. Y., Lake Erie & Western R. R. Co..	May 1, 1879, to May 1, 1880
Platform north of Ferry at 23d st. . . . .	Twenty-third st. Railway Co. . . . .	At pleasure of the Board..
Pier at 24th st. . . . .	C. T. Van Santvoord..	May 1, 1878, to May 1, 1880
Pier at 25th st. . . . .	C. T. Van Santvoord, Agent. . . . .	May 1, 1878, to May 1, 1880
Pier at 26th st. . . . .	C. T. Van Santvoord, Agent. . . . .	May 1, 1878, to May 1, 1880
Pier at 28th st. (except reservation for night-soil boat). . . . .	Daniel T. Robertson.	May 1, 1879, to May 1, 1880
Pier at 30th st. . . . .	Thomas Fitzpatrick.	May 1, 1878, to May 1, 1880
Site for Pier at 33d st. . . . .	N. Y. Central & Hudson R. R. Co. . . . .	Nov. 1, 1873, to Nov. 1, 1880
Pier at 34th st. . . . .	Scott & Co. . . . .	May 1, 1878, to May 1, 1880
Pier at 35th st. (except reservation for bath)..	Scott & Co. . . . .	May 1, 1879, to May 1, 1880
Pier at 35th st. (except reservation for bath)..	Scott & Co. . . . .	May 1, 1880, to May 1, 1881

*Continued.*

RENT.		RIGHT OF TENANCY.
Leases, etc., Terminated.	Leases, etc., in force on and after May 1st, 1880.	
.....	\$500 per ann...	By Public Sale March 14, 1878.
.....	1,000 per ann...	By Public Sale March 14, 1878.
.....	905 per ann...	By Public Sale March 14, 1878.
.....	700 per ann...	By Public Sale March 14, 1878.
.....	2,000 per ann...	By Public Sale March 14, 1878.
.....	2,000 per ann...	By Public Sale March 14, 1878.
.....	200 per ann...	By Public Sale May 6, 1879.
.....	1,505 per ann...	By Public Sale April 21, 1876.
.....	250 per ann...	By Resolution November 26, 1879.
.....	1,410 per ann...	By Public Sale April 21, 1876.
.....	250 per ann...	By Resolution May 10, 1876.
.....	500 per ann...	By Public Sale April 28, 1879.
.....	400 per ann...	By Resolutions May 2 and 15, 1877, and October 23, 1878.
.....	4,000 per ann...	By Public Sale April 15, 1878.
.....	1,500 per ann...	By Public Sale March 14, 1878.
.....	750 per ann...	By Public Sale April 22, 1878.
.....	600 per ann...	By Public Sale May 6, 1879.
.....	1,800 per ann...	By Public Sale April 22, 1878.
.....	5,000 per ann...	By Resolution September 13, 1873.
.....	3,020 per ann...	By Public Sale March 14, 1878.
.....	900 per ann...	By Public Sale March 13, 1879.
.....	3,500 per ann...	By Public Sale April 13, 1880.



## (NORTH RIVER.)

## RENT I

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENAN
Bulkhead at 36th st. ....	John Burns.....	May 1, 1879, to May
Pier at 40th st. ....	Jas. McClenahan ....	May 1, 1878, to May
Extension to Pier at 43d st. ....	Knickerbocker Ice Co.	At pleasure of the B
Pier at 46th st. ....	John H. Benner.....	Aug. 1, 1878, to May
Pier at 47th st. (except reservation for dump).	Thomas Fitzpatrick..	May 1, 1878, to May
Bulkhead at 50th st. ....	Michael Ryan.....	At pleasure of the B
Pier at 51st st. ....	Martin Karl .....	May 1, 1878, to May
Bulkhead at 52d st. ....	Canda, Kane & Doke.	May 1, 1879, to May
Pier at 55th st. ....	Western Union Tele- graph Co.....	May 1, 1879, to May
Pier at 55th st. (except reservation south side)	Western Union Tele- graph Co.....	May 1, 1880, to May
Pier at 57th st. ....	Frederick Schecker..	May 1, 1879, to May
Pier at 57th st. ....	Frederick Schecker..	May 1, 1880, to May
Site for Pier at 59th st..	N. Y. Central & Hud- son R. R. R. Co....	Nov. 1, 1877, to Nov.
Land under water be- tween 60th and 65th sts. (for erection of two piers) .....	N. Y. Central & Hud- son R. R. R. Co....	Aug. 1, 1874, to Aug.
Land under water be- tween south line of 65th and south line of 72d sts. westerly, to estab- lished pier line of 1868.	N. Y. Central & Hud- son R. R. R. Co....	May 1, 1880, to May
Pier at 79th st. (except reservation for City material).....	Thomas Fitzpatrick (2d) .....	May 1, 1879, to May
Pier at 96th st. ....	Theodore F. Tone...	May 1, 1878, to May
Pier at 129th st. (except reservation for dump).	Theodore F. Tone...	May 1, 1878, to May

continued.

RENT.		RIGHT OF TENANCY.
Leases, etc., terminated.	Leases, etc., in force on and after May 1st, 1880.	
\$100 per ann..	.....	By Public Sale May 4, 1879.
.....	\$1,500 per ann..	By Public Sale April 15, 1878.
.....	100 per ann..	By Resolutions Sep. 25 and Nov. 21, 1873
.....	1,610 per ann..	By Public Sale July 25, 1878.
.....	750 per ann..	By Public Sale April 22, 1878.
.....	25 per qr..	By Resolution April 21, 1880.
.....	1,500 per ann..	By Public Sale April 15, 1878.
.....	365 per ann..	By Public Sale April 28, 1879.
600 per ann..	.....	By Public Sale March 13, 1879.
.....	600 per ann..	By Public Sale April 13, 1880.
1,525 per ann..	.....	By Public Sale March 13, 1879.
.....	2,075 per ann..	By Public Sale April 13, 1880.
.....	1,000 per ann..	By Resolutions August 16, 1876, and November 7, 1877.
.....	5,000 per ann..	By Resolution June 22, 1874.
.....	17,500 per ann..	By Resolution April 28, 1880.
.....	400 per ann..	By Public Sale March 13, 1879.
.....	115 per ann..	By Public Sale April 15, 1878.
.....	250 per ann..	By Public Sale April 15, 1878.

## (NORTH RIVER.)

## RENT R

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.
Bulkhead between southerly line of 130th st. and Pier at 131st st. . . . .	Mutual Benefit Ice Co.	May 1, 1878, to May 1
Pier at 131st st. and bulkhead northerly to retaining wall. . . . .	Theodore F. Tone. . . . .	June 1, 1878, to June
Pier at 132d st. . . . .	Theodore F. Tone. . . . .	May 1, 1878, to May 1
<b>EAST RIVER.</b>		
Bulkhead, etc., west of Pier 1 . . . . .	Staten Island R'y Co.	Nov. 1, 1877, to Nov.
Pier 1 and 81½ ft. bulkhead easterly . . . . .	John H. Starin (Assignee). . . . .	May 1, 1874, to May 1
East half Pier 4, west half Pier 5 and bulkhead between. . . . .	N. Y. Central & Hudson R. R. Co. . . . .	May 1, 1876, to May 1
Platform at bulkhead, between Piers 4 and 5, etc.	N. Y. Central & Hudson R. R. Co. . . . .	May 1, 1876, to May 1
East half Pier 5, west half Pier 6 and bulkhead between. . . . .	N. Y. Central & Hudson R. R. Co. . . . .	May 1, 1876, to May 1
East half Pier 6 and bulkheads adjoining. . . . .	John H. Starin. . . . .	May 1, 1878, to May 1
Pier 7. . . . .	N. Y., Lake Erie & Western R. R. Co.	May 1, 1878, to May 1
West half Pier 8 and bulkheads adjoining. . . . .	Erie Railway Co. (Assignee). . . . .	Feb. 1, 1876, to May 1
West half Pier 12 and bulkhead adjoining. . . . .	David Whipple (Assignee). . . . .	May 1, 1878, to May 1

ued.

RENT.		RIGHT OF TENANCY.
as, etc., inated.	Leases, etc., in force on and after May 1st, 1880.	
.....	\$250 per ann..	By Public Sale April 15, 1878.
.....	750 per ann..	By Public Sale April 15, 1878.
.....	25 per ann..	By Public Sale March 14, 1878.
.....	4,200 per ann..	By Public Sale October 25, 1877.
.....	10,000 per ann..	By Resolution January 19, 1874.
.....	6,010 per ann..	By Public Sale March 7, 1876.
.....	800 per ann..	By Resolutions May 10 and 16, and June 28, 1876.
.....	9,000 per ann..	By Public Sale March 7, 1876.
.....	5,600 per ann..	By Public Sale April 15, 1878, and Reso- lution Feb. 12, 1879.
.....	5,000 per ann..	By Public Sale April 22, 1878.
.....	6,600 per ann..	By Public Sale January 25, 1876.
.....	3,855 per ann..	By Public Sale March 14, 1878, and Resolution November 6, 1878.

## (EAST RIVER.)

## RENT F

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.
East half Pier 18, except outer end.....	William D. Morgan..	May 1, 1879, to May 1
Bulkhead and platform between Piers 18 and 19.....	John E. Stow (As- signee).....	May 1, 1878, to May
West half Pier 19.....	Alexander Mason...	May 1, 1878, to May
Platform south of Pier 20	C. H. Mallory & Co.	At pleasure of the Board
East half Pier 20.....	C. H. Mallory & Co.	Aug. 15, 1878, to Aug
Bulkhead between Piers 20 and 21.....	Henry H. Huelat....	May 1, 1879, to May
West half Pier 21.....	Thomas O'Rorke.....	May 1, 1878, to May
One half of east half Pier 22, one half of west half Pier 23, bulkhead between and appur- tenances.....	Fulton Market Fish Mongers' Ass'n....	May 1, 1879, to May
Outer half east side Pier 22.....	Morrisania Steam- boat Co.....	May 1, 1879, to May
Outer end of west half Pier 23.....	John H. Lynch.....	June 1, 1878, to June
Outer 211 feet of west side Pier 23.....	John H. Lynch,....	June 1, 1879, to June
East half Pier 24 and half bulkhead adjoin- ing.....	Hartford and N. Y. Steamboat Co.....	May 1, 1876, to May
West half Pier 25 and half bulkhead adjoin- ing.....	New Haven Steam- boat Co... ..	May 1, 1876, to May
East half Pier 25, west half Pier 26 and bulk- head between.....	New Haven Steam- boat Co.....	May 1, 1879, to May

ued.

RENT.		TERM OF TENANCY.
es, etc., inated.	Leases, etc., in force on and after May 1st, 1880.	
.....	\$4,000 per ann..	By Public Sale March 13, 1879.
.....	250 per ann..	By Public Sale April 15, 1878, and Reso- lution May 29, 1878.
.....	4,500 per ann..	By Public Sale March 14, 1878.
.....	200 per ann..	By Resolution March 27, 1878.
.....	5,000 per ann..	By Public Sale March 14, 1878.
.....	2,500 per ann..	By Public Sale March 13, 1879.
.....	3,000 per ann..	By Public Sale March 14, 1878.
.....	6,500 per ann..	By Public Sale March 18, 1879.
.....	1,500 per ann..	By Public Sale March 13, 1879.
for term.....		By Public Sale March 14, 1878.
.....	2,125 per ann	By Public Sale March 13, 1879.
.....	5,710 per ann..	By Public Sale March 7, 1876.
.....	5,510 per ann..	By Public Sale March 7, 1876.
.....	4,500 per ann..	By Public Sale March 13, 1879.

## (EAST RIVER.)

## RENT ROLL

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.
Bulkhead and slips east of wharf property of the Bridge Company at Roosevelt street.....	New York Ferry Co..	June 14, 1878, to Nov. 1, 1880
East half Pier 31, west half Pier 32 and bulkhead between.....	East River Ferry Co.	May 1, 1878, to May 1, 1880
East half Pier 33, west half Pier 34 and bulkhead between.....	Philadelphia & New York Steam Navigation Co.....	May 1, 1876, to May 1, 1881
Platform between Piers 35 and 36.....	S. F. Shortland & Brother.....	At pleasure of the Board...
Widening east side and extension Pier 36. ...	Geo. H. Penniman...	Nov. 1, 1878, to May 1, 1880
Pier 37 and part bulkhead on each side, except the dump.....	R. Cornell White....	May 1, 1875, to May 1, 1880
Pier 37 and part bulkheads adjoining (except reservation for dump).....	Central Vermont R. R. and S. B. Co....	May 1, 1880, to May 1, 1885
Pier 38 and half bulkhead westerly.....	Maine Steamship Co.	May 1, 1876, to May 1, 1881
Platform between Piers 38 and 39. ....	Peter Charles.....	At pleasure of the Board...
Pier 40 and half bulkhead easterly.....	Frank and Howard Phelps.....	May 1, 1877, to May 1, 1881
Platform east of Pier 40.	Phelps Brothers & Co.	Feb. 1, 1879, to May 1, 1882
Pier 41 and part bulkhead each side.....	Inland and Seaboard Coasting Co.....	May 1, 1879, to May 1, 1884
One-ninth part Pier 42..	William F. Buckley..	May 1, 1879, to May 1, 1882
Pier 43, except inner half west side.....	Joseph Cooper.....	May 1, 1878, to May 1, 1881
Pier 44 and bulkhead westerly.....	Alexander Mason...	May 1, 1878, to May 1, 1881

*ued.*

RENT.		RIGHT OF TENANCY.
es, etc., inated.	Leases, etc., in force on and after May 1st, 1880.	
.....	\$10,000 per ann..	By Public Sale June 14, 1878.
.....	2,500 per ann..	By Public Sale April 19, 1878.
.....	10,110 per ann..	By Public Sale March 7, 1876.
.....	50 per ann..	By Resolution May 2, 1877.
.....	700 per ann..	By Public Sale December 16, 1878.
er ann.....	.....	By Resolution October 1, 1874.
.....	4,000 per ann..	By Public Sale April 13, 1880.
.....	7,510 per ann..	By Public Sale March 7, 1876.
.....	400 per ann..	By Resolution June 16, 1875.
.....	5,010 per ann..	By Public Sale March 12, 1877.
.....	100 per ann..	By Resolution December 7, 1878.
.....	5,500 per ann..	By Public Sale July 25, 1878.
.....	250 per ann..	By Public Sale March 13, 1879.
.....	2,500 per ann..	By Public Sale April 15, 1878.
.....	4,700 per ann..	By Public Sale April 15, 1878.



## (EAST RIVER.)

## RENT I

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENAN
Pier 46.....	Joseph V. Brown...	May 1, 1878, to May 1
Pier 48.....	Thomas C. Burke...	May 1, 1876, to May 1
Platform between Piers 50 and 51.....	Harlem River & Port Chester R. R. Co..	At pleasure of the Bo
East half Pier 51, west half Pier 52 and bulk- head, etc., between, (except reservation for Bath at Pier 51).....	Joseph V. Brown...	May 1, 1879, to May 1
Bulkhead at Corlears st.	Ezra Quimby.....	May 1, 1879, to May 1
South half Pier 55 (except outer end), and about 54 feet bulkhead ad- joining.....	Hoeft & Ficken.....	Nov. 1, 1874, to Nov.
South half Pier 55 (ex- cept outer end), and about 54 feet bulkhead adjoining.....	East River Bathing Co.....	Nov. 1, 1879, to Nov.
North half Pier 56, south half Pier 57, and bulk- head between.....	William H. Wood...	May 1, 1879, to May 1
North half Pier 58 and half bulkhead adjoin- ing.....	Carl Smith & Son...	June 1, 1878, to June
South half Pier 59 and half bulkhead adjoin- ing.....	Knickerbocker Ice Company.....	June 1, 1878, to June
Bulkhead (188 feet) on Tompkins st. north of Rivington st.....	James R. Klots.....	May 1, 1877, to May 1
Bulkhead (188 feet) on Tompkins st. north of Rivington st. ....	Joseph V. Brown....	May 1, 1880, to May 1
Pier 60 and bulkhead westerly, from north side to Tompkins st...	Joseph V. Brown....	May 1, 1878, to May 1

*Continued.*

RENT.		RIGHT OF TENANCY.
Leases, etc., terminated.	Leases, etc., in force on and after May 1st, 1880.	
.....	\$5,600 per ann..	By Public Sale April 15, 1878.
.....	4,800 per ann..	By Public Sale March 7, 1876.
.....	2,500 per ann..	By Resolution May 7, 1874.
.....	1,000 per ann..	By Public Sale March 13, 1879.
.....	100 per ann	By Public Sale April 28, 1879.
700 per ann. ....		By Resolution Nov. 4, 1874.
.....	800 per ann..	By Public Sale April 28, 1879.
.....	1,500 per ann..	By Public Sale March 13, 1879.
.....	1,000 per ann..	By Public Sale March 14, 1878.
.....	1,000 per ann..	By Public Sale March 14, 1878.
400 per ann. ....		By Public Sale March 12, 1877.
.....	500 per ann.	By Public Sale April 13, 1880.
.....	1,850 per ann..	By Public Sale March 14, 1878.

## (EAST RIVER.)

## RENT I

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENAN
Pier 61 and 55 feet bulkhead northerly, except reservation for dump; (part unpossessed ....	Isaac Fowler.....	May 1, 1878, to May 1
North half Pier 62.....	Mutual Benefit Ice Company.....	May 1, 1878, to May 1
Bulkhead, etc., at and south of Houston st..	Nassau Ferry Co....	Nov. 1, 1878, to May 1
Site for Pier, 130 feet south of Houston st..	Nassau Ferry Co....	May 1, 1879, to May 1
Berth for Bath at Pier at 3d st.....	East River Bathing Co.....	Season of 1879 .....
Pier at 5th st. (except reservations for Bath and dump).....	Joseph V. Brown....	May 1, 1879, to May 1
ulkhead at 14th st....	Manhattan Gas Light Co. ....	May 1, 1878, to May 1
Bulkhead at 15th st....	Manhattan Gas Light Co.....	May 1, 1878, to May 1
Bulkhead at 20th st....	Farmers' Protective Union. ....	May 1, 1879, to May 1
Pier at 23d st. (except reservations outer end and berth for Schoolship).....	N. Y. and Manhattan Beach Railway Co.	May 1, 1879, to May 1
Bulkhead north of 23d st.	Greenpoint Ferry Co.	Aug. 1, 1877, to Aug. 1
Bulkhead south of 24th st., north of Ferry premises....	Joseph V. Brown. .	June 1, 1878, to June 1
Pier at 25th st.....	Edwin L. Carpenter	May 1, 1879, to May 1
Pier at 28th st. ....	Thomas Fitzpatrick..	May 1, 1879, to May 1
Bulkhead at 29th st....	Mark Goodwin.....	May 1, 1880, to May 1
Bulkhead at 30th st....	Oscar E. Hawxhurst.	May 1, 1880, to May 1
Bulkhead at 32d st....	John W. Manning...	May 1, 1877, to May 1

issued.

RENT.		RIGHT OF TENANCY.
Leases, etc., in force on and after May 1st, 1880.	Leases, etc., in force on and after May 1st, 1880.	
.....	\$875 per ann...	By Public Sale March 14, 1878, and Comptroller January 17, 1880.
.....	600 per ann..	By Public Sale April 15, 1878.
.....	2,000 per ann. (for first five yrs.)	By Public Sale December 16, 1878.
.....	300 per ann..	By Resolution January 8, 1879.
.....	40 for term.....	By Commissioners August 22, 1879.
.....	800 per ann..	By Public Sale March 13, 1879.
.....	600 per ann..	By Public Sale March 14, 1878.
.....	600 per ann..	By Public Sale March 14, 1878.
.....	425 per ann..	By Public Sale March 13, 1879.
.....	2,850 per ann..	By Public Sale March 13, 1879.
.....	2,501 per ann..	By Public Sale October 11, 1877.
.....	600 per ann..	By Public Sale April 15, 1878.
.....	1,190 per ann..	By Public Sale April 28, 1879.
.....	1,100 per ann..	By Public Sale March 13, 1879.
.....	200 per ann..	By Public Sale April 13, 1880.
.....	200 per ann..	By Public Sale April 13, 1880.
.....	45 per ann.....	By Public Sale March 12, 1877.

## (EAST RIVER.)

## RENT ROLL

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.
Pier at 33d st., except outer end.....	Knickerbocker Ice Co.	May 1, 1878, to May 1, 1880
Outer end Pier at 33d st.	L. I. North Shore Passenger and Freight Transportation Co.	At pleasure of the Board..
Bulkhead at 34th st....	East River Ferry Co.	Nov. 1, 1877, to Nov. 1, 1880
Bulkhead at 35th st....	Garret L. Schuyler..	May 1, 1877, to May 1, 1880
Bulkhead at 35th st....	Garret L. Schuyler..	May 1, 1880, to May 1, 1882
Bulkhead at 36th st....	Popham & Co.....	May 1, 1877, to May 1, 1880
Bulkhead at 36th st....	Popham & Co.....	May 1, 1880, to May 1, 1882
Pier at 37th st. (except reservation for Public Bath).....	John Nesbit.....	May 1, 1878, to May 1, 1880
Pier at 38th st. (except reservation for dump)..	Isaac Fowler.....	May 1, 1878, to May 1, 1880
Bulkhead at 39th st....	Watrous & Willson..	May 1, 1879, to May 1, 1880
Bulkhead at 43d st....	John Ahsbabs.....	Terminated Sept. 1, 1879..
Bulkhead at 43d st....	Michael Kane.....	Sept. 1, 1879, to Sept. 1, 1880
Extension to bulkhead at 45th st. (for stone dump).....	Schwarzschild & Sulz- berger.....	May 1, 1879, to May 1, 1880
Bulkhead at 47th st....	Owens & Co.....	May 1, 1879, to May 1, 1880
Bulkhead at 48th st....	Thomas B. Tweddle..	May 1, 1878, to May 1, 1880
Bulkhead and stone dump at 49th st.....	Geo. W. Powe & Co..	May 1, 1879, to May 1, 1880
Bulkhead at 51st st....	Charles H. Longstreet (Assignee).....	July 1, 1877, to July 1, 1880
Site for Pier at 51st st..	Morrisania Steamboat Co.....	Jan. 1, 1878, to July 1, 1880
Pier at 53d st.....	Charles H. Eldridge and C. H. Warren.	Dec. 1, 1878, to May 1, 1880
Pier at 54th st.....	Mutual Benefit Ice Co.	May 1, 1879, to May 1, 1880
Site for bulkhead be- tween 56th and 57th sts.....	Schmitt & Koehne..	At pleasure of the Board..
Site for Platform, etc., north of 62d st.....	Jabez A. Bostwick..	At pleasure of the Board..

*nued.*

RENT.		RIGHT OF TENANCY.
Leases, etc., annuated.	Leases etc., in force on and after May 1st, 1880.	
.....	\$900 per ann..	By Public Sale March 14, 1878.
.....	50 per mo..	By Commissioners April 1, 1879.
.....	2,000 per ann..	By Public Sale September 6, 1877.
5 per ann..	.....	By Public Sale March 12, 1877.
.....	200 per ann..	By Public Sale April 13, 1880.
per ann..	.....	By Public Sale March 12, 1877.
.....	250 per ann..	By Public Sale April 13, 1880.
.....	500 per ann..	By Public Sale March 14, 1878.
.....	400 per ann..	By Public Sale April 15, 1878.
.....	150 per ann..	By Public Sale April 28, 1879.
0 per ann..	.....	By Resolution September 26, 1877.
.....	200 per ann..	By Public Sale April 28, 1879.
.....	100 per ann..	By Public Sale March 13, 1879.
.....	675 per ann..	By Public Sale May 6, 1879.
.....	150 per ann..	By Public Sale March 14, 1878.
.....	300 per ann..	By Public Sale April 28, 1879.
.....	305 per ann..	By Public Sale June 6, 1877, and Resolu- tion August 7, 1878.
.....	50 per ann..	By Resolution December 19, 1877.
.....	600 per ann..	By Public Sale July 25, 1878, and Reso- lution April 2, 1879.
.....	500 per ann..	By Public Sale March 13, 1879.
.....	50 per ann..	By Resolution April 27, 1877.
.....	200 per ann..	By Resolutions March 20 and December 24, 1878.

## (EAST RIVER.)

## RENT R

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.
Site for Platform at 62d st. ....	John Fagan.....	At pleasure of the Board.
Site for Platform, etc., south of 63d st. ....	Ehrenreich Brothers.	At pleasure of the Board.
Site for Platform at 63d st.	Neidlinger, Schmidt & Co. ....	June 1, 1874, to June 1
Site for bulkhead between 63d and 64th sts. ....	Neidlinger, Schmidt & Co. ....	May 1, 1874, to May 1
Site for bulkhead at 74th st. ....	Thomas Patten.....	At pleasure of the Board.
Pier at 79th st. ....	Frank E. Wise.....	May 1, 1878, to May 1
Site for Platform between 79th and 80th sts. ....	Murphy & Nesbit ...	May 1, 1878, to termination of occupancy of upland.
Pier or bulkhead at 86th st. ....	Andrew J. Lusk ....	May 1, 1879, to May 1
Pier or bulkhead at 86th st. ....	John H. Baxter. ...	May 1, 1880, to May 1
Bulkhead at 92d st. and wharf property at Fulton st., Astoria. ....	Astoria Ferry Co....	November 1, 1877, to November 1, 1882.....
Bulkhead at and south of 93d st. ....	Thomas Patten ....	May 1, 1880, to May 1
<b>HARLEM RIVER.</b>		
Pier at 117th st. ....	James P. Minster....	Terminated by surrender, 31, 1879.....
Pier or platform at 120th st. ....	Harlem & N. Y. Navigation Co. ....	May 1, 1879, to May 1
Berth for float, north side Pier at 125th st. ....	Edward McGrath and Robert H. Smith..	At pleasure of the Board.
Right to moor floats at steps, each end Third avenue Bridge ....	Adolph L. Kerker...	May 1, 1878, to May 1

ued.

RENT.		RIGHT OF TENANCY.
as, etc., inated.	Leases, etc., in force on and after May 1st, 1880.	
.....	\$75 per ann..	By Resolution September 15, 1875.
.....	100 per ann..	By Resolutions April 24 and December 24, 1878.
.....	250 per ann..	By Resolution May 28, 1874.
.....	50 per ann..	By Resolution February 12, 1874.
.....	100 per ann..	By Resolution November 21, 1877.
.....	350 per ann..	By Public Sale April 22, 1878.
.....	100 per ann..	By Resolution May 3, 1878.
for term..	.....	By Public Sale March 13, 1879.
.....	300 per ann..	By Public Sale April 13, 1880.
.....	250 per ann..	By Public Sale July 12, 1878.
.....	500 per ann..	By Public Sale April 13, 1880.
per ann..	.....	By Public Sale March 13, 1879.
.....	400 per ann..	By Public Sale March 13, 1879.
.....	25 per qr....	By Resolution April 24, 1878.
.....	1,200 per ann..	By Public Sale March 14, 1878.





REPORT  
OF THE  
ENGINEER-IN-CHIEF.

523719

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

DEPARTMENT OF DOCKS,

117 AND 119 DUANE STREET.

OFFICE OF THE ENGINEER-IN-CHIEF,

NEW YORK, 1st May, 1880.

EUGENE T. LYNCH, Esq.,

*Secretary of the Board of Docks.*

SIR,—I have the honor to submit for the consideration of the Board of Commissioners governing this Department the following report of the several works under my supervision during the year ending April 30, 1880:

BATTERY SECTION.—Embracing the Boat Landing, Pier New 1, North River, and about 80 feet north of Pier New 1.

But little work has been necessary at this section during the year. The plank road approaches over the made land have been enlarged and repaired. A plot of the made land, about 40 feet wide, facing the Boat Landing, has been set off by placing a granite curbing across its northerly side. The enclosed area will be planted with grass seed. The small house used as a shelter for persons waiting for boats has been repaired and painted. I beg leave to suggest the erection of a small wooden or iron awning in front of the steps of the Boat Landing as a protection from the sun for persons waiting for boats during the hot months of summer.

The filling at the north end of the section has been protected from wash of the water by depositing about 60 cubic yards of rip-rap stone on its edges.

**PIER NEW 1.**—The pavement of the pier is in about the same condition as reported last year. The contractors have, however, made an arrangement for the repair of all faults and the maintenance of the surface in good order. The pier has been in constant use by vessels engaged in trade and by the excursion steamers during their season. The Old Dominion Steamship Company built a temporary freight shed, 80 feet by 80 feet, in October, and removed the same in April.

**BEACH STREET SECTION.**—Extending from 20 feet south of the south side of Pier New 26, northwardly about 190 feet.

Length of piling for the year..... ..25.00 feet; to date, 25.00 feet.

Equivalent length of completed wall

for the year. ....29.00 “ “ 29.00 “

The work of building the bulkhead wall at this section and Pier New 26 was begun in August last. The outer 270 feet of Pier Old 37 were removed in August and September by the contractors, Messrs. T. & A. Walsh, leaving the Old Dominion Steamship Company in occupation of the rest of the pier. The dredging on the site of Pier New 26 was done by the Union Dredging Company and was finished in October. The outer end of the pier, about 394 feet in length and 80 feet in width, was built by the contractors above-named from September to February, and the Steamship Company put in possession at once. The company has built a shed over this part of the new pier which has been in constant use since January last, communication with West Street being had over a part of Pier Old 37, and a temporary roadway connecting the inner part of the old pier with the outer part of the new one.

As soon as the outer part of Pier New 26 was ready for use, the northerly two-thirds of the inner part of Pier Old 37 was removed by the contractors and work begun for the wall by dredging the soft mud from its site, putting in cobble and rip-rap stone and driving the foundation piles, ninety of which have been driven to date.

The total time of work at this section by the Department force will be longer than usual, because the lessees of the premises there have not entirely removed, but have carried on a part of their business during the progress of the work.

CHAMBERS STREET SECTION.—Extending from the north side of Pier Old 29, northwardly 560 feet.

Length of piling for the year.....				195.00 feet; to date, 361.73 feet.
"	base blocks for the year..	193.00	"	" 359.73 "
"	"E" course of granite for			
	the year .....	169.78	"	" 333.93 "
"	wall completed for the			
	year.....	95.87	"	" 260.02 "
Equivalent length of completed wall				
	for the year.....	195.00	"	" 360.00 "

Work upon this section has been continued and pushed on as fast as possible. During the year, 169 feet of wall have been built, and filling put in and leveled off behind it. Plank road approaches for wagons and for foot passengers have been laid and kept in order.

PIER NEW 20.—This pier has been finished and a freight shed built upon it by the New York, Lake Erie & Western Railroad Company, and the freight business of the company will be moved from Pier Old 31 to this pier during May, 1880.

Dredging for the extension of the wall and for Pier New 21 has been commenced, and the work of continuing the construction of the wall is in progress.

The plans for Pier New 21 have been made, and the contract for building it will be let in a few days. This pier will be the largest yet built in this city, being 100 feet wide by 592 feet long, and having an area of 59,200 square feet, or more than an acre and a third.

**CANAL STREET SECTION.**—Extending from 2.14 feet north of the south side of Pier New 35 southwardly to about the centre of the slip between Piers Old 41 and Old 42.

Length of piling for the year.....	0.00 feet; to date, 441.20 feet.		
“ base blocks for the year....	0.00 “	“	383.94 “
“ “E” course of granite for			
the year .....	0.00 “	“	334.95 “
“ wall completed for the year.	0.00 “	“	312.83 “
Equivalent length of completed wall for			
the year.....	0.00 “	“	373.89 “

No work upon this section has been necessary, except repairs of the temporary plank roads over the filling in rear of the wall, which have been kept in good order.

**SPRING STREET SECTION.**—Extending from 2.14 feet north of the south side of Pier New 35 northwardly to the centre of the slip between Piers New 35 and New 36.

Length of piling for the year.....	15.73 feet; to date, 139.92 feet.		
“ base blocks for the year....	18.70 “	“	139.92 “
“ “E” course of granite for			
the year .....	0.00 “	“	84.94 “
“ wall completed for the year.	0.00 “	“	59.86 “
Equivalent length of completed wall for			
the year .....	15.1 “	“	125.74 “

Since it was uncertain at what time the Department would obtain possession of Pier Old 44, which it was necessary to have before building the wall farther to the northward, the piling and wood work of the foundation at the northerly end of the wall at this section were encased with plank, and the enclosure filled in with cobble stone and gravel to protect the foundation piles from the *teredo*, which had begun its attacks upon them. Possession of Pier Old 44 was acquired in August, 1879, and the casing was removed and the wall built to the

southerly end of the Clarkson Street Section, with the exception of setting the granite, with its concrete backing, and planking the platform in rear of the concrete backing. This part of the work will be done, for the sake of convenience, after the Charlton Street Section of the wall is built, and will be completed about the first of September next.

The plank road approaches over the filling in rear of the wall have been sheathed and kept in order.

CHARLTON STREET SECTION.—Extending from 28.05 feet north of the north side of Pier New 37 southwardly to about the centre of the slip between Piers New 36 and New 37.

Length of piling for the year.....	233.14 feet;	to date, 405.52 feet.
“ base blocks for the year...236.74	“	“ 405.52 “
“ “E” course of granite for		
the year .....	0.00 “	“ 140.82 “
“ wall completed for the year. 28.05	“	“ 98.14 “
Equivalent length of completed wall		
for the year.....	164.20 “	“ 333.50 “

The coping, referred to in my last Annual Report, on that part of the wall of this section, north of Pier New 37, has been set, and that part of the wall is completed.

The work of building the wall through and on each side of Pier Old 44 was delayed until the Department should acquire a title to and take possession of the pier, which did not occur until August, 1879. The work of removing the sheds and cutting through the Pier was then begun, and at this date all the piles for the wall of the section have been driven and capped, all the base blocks set, and the cobble stone and rip-rap put in up to the caps. The remaining work of setting the granite, with its concrete backing, covering the caps with plank and receiving the filling, will be proceeded with at once. The wall will be completed about the first of next September.



Foundation piles for an outlet sewer, as laid out by the Bureau of Sewers of the Department of Public Works, have been driven where it is located, in the immediate vicinity of the rear of the wall, and the wall arranged for building the sewer through it.

The outer part of Pier Old 44 was left standing to accommodate certain vessels which discharged their cargoes upon it, whence they were removed by lighters. All the sheds and decking have now been removed, and plans have been begun for a new pier (Pier New 36), to be built in the place of Pier Old 44, and the contract will be ready for letting about the first of July. Dredging for this new pier is in progress, and is partly finished.

The plank road over the filling to Pier New 37 has been repaired and kept in order.

OLD KING STREET SECTION.—Extending from 28.05 feet north of the north side of Pier New 37, to 7.04 feet south of the south side of Pier New 38, a distance of 148.41 feet.

Length of piling for the year.....	0.00 feet;	to date, 148.41 feet.
“ base blocks for the year....	0.00 “ “	148.41 “
“ “E” course of granite for		
the year.....	0.00 “ “	148.41 “
“ wall completed for the year.	7.93 “ “	148.41 “
Equivalent length of completed wall for		
the year.....	0.41 “ “	148.41 “

One piece of coping has been set in the wall of this section, and the backing secured on top of it. No other work has been necessary.

NEW KING STREET SECTION.—Extending from 7.04 feet south of the south side of Pier New 38, to 32.37 feet north of the north side of Pier New 38, a length of 114.49 feet of wall built and completed.

No work has been done upon this section beyond repairs to and maintenance of the plank roadways over the filling in rear of the wall, and the distribution and leveling off of eight loads of earth.

Pier New 38 is leased by the Williams & Guion Steamship Line, and no work has been done upon it by the Department.

LOWER CLARKSON STREET SECTION.—Extending from 32.37 feet north of the north side of Pier New 38, to 4.72 feet south of the south side of Pier New 39, a length of 152.91 feet. Length of wall built and completed, 152.91 feet.

No work has been done upon this section.

- HOUSTON STREET SECTION.—Extending from 4.72 feet south of the south side of Pier New 39, to 30.09 feet north of the north side of Pier New 39, a distance of 109.89 feet.

No work has been done upon this section, except the repairing and maintaining of the plank road over the filling, and the distributing of 798 loads of earth filling.

Pier New 39 is occupied by its lessees, the National Steamship Company, and no work has been done upon it by the Department.

UPPER CLARKSON STREET SECTION.—Extending from 30.09 feet north of the north side of Pier New 39, to 53.40 feet south of the south side of Pier New 40, a distance of 102.51 feet.

Length of piling for the year..... 0.00 feet; to date, 102.51 feet.

“ base blocks for the year.. 0.00 “ “ 102.51 “

“ “E” course of granite for  
the year..... 31.22 “ “ 102.51 “

“ wall completed for the  
year..... 80.31 “ “ 102.51 “

Equivalent length of completed wall

for the year..... 5.49 “ “ 102.51 “

The gap in the wall, left for the temporary outlet of the Clarkson Street Sewer, has been filled in, the coping and backing logs set in place and the wall completed. There have been received in rear of the wall 694 loads of earth filling.

**LEROY STREET SECTION.**—Extending from 55.40 feet south of the south side of Pier New 40, to 25.94 feet south of Pier New 42, a distance of 561.46 feet.

Length of piling for the year.....	0.00 feet; to date, 561.46 feet.		
“ base blocks for the year..	0.00 “ “	561.46 “	
“ “ E ” course of granite for			
the year.....	0.00 “ “	561.46 “	
“ wall completed for the			
year.....	55.40 “ “	561.46 “	
Equivalent length of completed wall			
for the year .....	1.46 “ “	561.46 “	

The coping of the wall at this section was completed the seventeenth of last September, and the backing log placed, the twenty-second day of the same month, thus completing the wall.

The old Clarkson Street Sewer has been covered with old timber, and earth filling placed over the timber temporarily, until the Bureau of Sewers of the Department of Public Works shall be ready to build a new sewer in its place.

The plank roads to Piers New 40 and New 41, and to the ferry house of the Central Railroad Company of New Jersey, have been kept in order.

There have been received in rear of the wall 3,078 loads of filling.

**PIER NEW 40.**—The shed of the Cunard Steamship Company (Limited), has been completed, and has been in use by the company during the year. The ferry house of the Central Railroad Company of New Jersey has been in partial use since the fourteenth of last January, a small boat being run to and from it.

**PIER NEW 41.**—The Knickerbocker Ice Company removed from this pier on the expiration of their lease, and moved away the platform for landing ice, the machinery and scales. Repairs of small extent have been made to the pier. About 140 feet of the outer end of this pier, built in 1877, is in good condition, but the remainder is not strong

enough for the requirements of large ocean steamship lines. Orders were given, on 7th April, 1880, to proceed with the work of altering and rebuilding this pier, and plans and specifications for doing the work are now in preparation.

**MORTON STREET SECTION.**—Extending from 25.94 feet south of the south side of Pier New 42, to 50.39 feet north of the north side of Pier New 42, a distance of 151.33 feet. Length of wall built and completed 151.33 feet.

No work has been done upon this section except that the plank roadways have been repaired and maintained, and a small amount of filling received and distributed.

**PIER NEW 42.**—This pier is leased to and occupied by the Compagnie Générale Transatlantique, and no work has been done upon it by the Department.

**CHRISTOPHER STREET SECTION.**—Extending from 50.39 feet north of the north side of Pier New 42 to about the north side of Pier New 47.

Length of piling to date.....	1,114.80 feet
“ base blocks to date.....	1,114.80 “
“ “ E ” course of granite to date.....	1,095.22 “
“ wall completed to date.....	1,095.22 “
Equivalent length of completed wall to date....	1,111.51 “

The work of the Department upon this section has consisted this year, as last, in repairs to the plank roads over the filling from West Street to the various piers, repairs to the temporary sewer box, and receiving and trimming a few loads of earth filling.

Pier New 43, used as a “shifting pier” for the temporary use of steamship lines while the Department is replacing their old piers with new ones, was fitted for the use of the Old Dominion Steamship Company by placing fender piles and cutting gangways.

On the twelfth of August last, the few remaining piles belonging to the Department were removed from the Storage Basin at Weehawken.

**TWENTY-THIRD STREET TO THIRTY-FIFTH STREET, NORTH RIVER.**—In the expectation of being soon ordered to build the wall and new piers at this part of the water front, I have ordered borings made, which are not yet completed, to obtain data as to the bottom of the river. Up to this date 89 borings have been made.

**FIFTY-SEVENTH STREET, NORTH RIVER.**—The dumping of filling behind the embankment of earth and stone made between Fifty-fifth and Fifty-eighth Streets, North River, has been continued during the year. Private parties have deposited 16,374 single and 2,767 double loads of earth and stone, and the Street Cleaning Bureau of the Police Department, 33,549 loads of material.

**HOUSTON STREET, EAST RIVER.**—The Nassau Ferry Company finished on the twentieth of March the building of the following structures at this place: a bulkhead 100 feet long by 30 feet wide; two piers, each 225 feet long, one being 40 feet wide, and the other from 24 to 53 feet wide; two ferry racks and bridges, and a ferry pier.

The Bureau of Sewers of the Department of Public Works extended the sewer at the foot of this street about 410 feet, to and through the above bulkhead and pier to the outer end of the pier. The extension through the pier, of 225 feet, is made with a wrought-iron galvanized pipe, four feet in diameter and hooded at its outer end. The sewage is discharged into deep water and a swift current. This, in connection with the above work done by the Nassau Ferry Company, and the filling in, also done by the company, completes an important sanitary improvement in the water-front at this place.

**SIXTIETH STREET TO SIXTY-FIRST STREET, EAST RIVER.**—On the first of March, work was begun upon a rip-rap embankment, with a rubble wall on its top and a wooden platform in front of it, by con-

tractor John B. Devlin. This structure is built within the established bulkhead line, and gives an additional frontage of about 260 feet for the use of vessels of 15 feet or less draft of water. The work is now in progress, and will be completed and ready for use about the middle of August.

**SURVEYING PARTY.**—In connection with construction, the usual verifications of base lines have been made at Chambers Street, Beach Street, Spring Street and Charlton Street Sections, a new base line has been established at Laight Street Section, and frequent tests of bench marks have been made. Soundings before and after dredging have been taken at the various sections, for the bulkhead wall foundation and for new piers. Lines and levels have been given frequently during the building of the wall at the various sections, and for Piers New 20 and New 26, North River, and also for the rubble wall and platform at Sixtieth and Sixty-first Streets, East River. Measurements and calculations of sand, broken stone for concrete, rip-rap stone and cobble stone, delivered by contractors at the various sections, have been made, and receipts for the same given.

Surveys and measurements have been made upon the North, East and Harlem Rivers, covering an extent of water front amounting to about 18,500 linear feet, and from these, maps and tracings have been prepared, showing existing piers and bulkheads, with the structures upon them, and their position relative to the proposed bulkhead lines. Extended surveys have been made of the shore line from One Hundred and Forty-fourth Street to One Hundred and Fifty-second Street, North River, and from One Hundred and Sixty-second Street to Fort Washington, North River, to ascertain the feasibility of a storage basin for canal boats.

Soundings to the number of 14,120 have been taken upon the North, East and Harlem Rivers, in 149 slips, of which 3,698 were for construction and 10,422 taken before and after dredging, all of which are on record in this office.

Dredging, at various places upon the North, East and Harlem Rivers, both under contract and under Treasurer's orders, has received the constant supervision of the Surveyor.

**FLOATING PROPERTY.**—The floating property of the Department consists of the following:

- 100-ton derrick "City of New York."
- 10-ton derrick.
- Derrick scow "Joe."
- Tug "Manhattan."
- 2 dredges, Nos. 3 and 4.
- 12 dredging-machine mud-scows, Nos. 1 to 12.
- 8 pile-drivers, Nos. 1, 2, 3, 5, 6, 7, 8 and 9.
- 8 deck-scows, "B," "C," "D," "E," "F," "May," "Jim" and "Willie."
- Boring machine "Woodcock."
- 2 diver's scows, and
- 12 yawl boats.

THE 100-TON DERRICK "CITY OF NEW YORK" is now in good order, having had no other repairs than patching the boiler and painting the interior of the tower and the machinery. The derrick set thirty-seven concrete base blocks, righted nine overturned scows for the Police Department, hoisted out two scows, turned the concrete platforms at Gansevoort Street Yard, took down twelve trusses on Pier Old 44, North River, put the spuds in dredge No. 4, and took out and replaced the crane of dredge No. 3.

THE 10-TON DERRICK has had two stanchions fitted to support the A frame and the topping-lift connected with the top of the frame, and has been painted. This derrick has set two hundred and twenty-six pieces of granite for the bulkhead wall, and handled the granite curbing at the Battery Boat Landing.

THE DERRICK SCOW "JOE" is in as good order as is consistent with its age, and is ready for service, but has done no work the past year.

THE TUG "MANHATTAN" was docked in September, cleaned and painted with two coats of copper paint, and the copper extended at the water line  $2\frac{1}{2}$  by 25 feet. She has done all the towing required by the Department, excepting for ten days when laid up for repairs, which consisted in putting five patches on the boiler.

DREDGES Nos. 3 AND 4 were docked in September, caulked, coal-tarred, felted and sheathed with one-inch spruce boards up to the water line, and the woodwork has been put in thorough repair. In putting No. 3 in order for work, the step under the crane was found broken, and a new step was fitted.

The spuds and dipper were placed in No. 4, and, on April 1st, it was delivered to the Union Dredging Company.

THE TWELVE DREDGING-MACHINE MUD-SCOWS are still in the possession of the Union Dredging Company, and are in as good condition as is consistent with their continued use.

THE EIGHT DECK-SCOWS, "B," "C," "D," "E," "F," "MAY," WILLIE" and "JIM," are in good serviceable condition.

THE PILE-DRIVERS, Nos. 1, 2, 3, 5, 6, 7, 8 and 9, are all in working order, having had many small repairs made by Department workmen. No. 2 has been fitted with a friction drum. No. 6 has been fitted up as a sounding machine, and 89 borings have been made with it on the sites of the proposed new piers above Twenty-third Street, North River. No. 9 was hoisted out and caulked.

THE BORING-MACHINE "WOODCOCK" was hired to the Metropolitan Elevated Railroad Company, May 26th to August 20th, and to the West Side and Yonkers Railroad Company, September 9th to 18th.

THE TWO DIVER'S SCOWS are in good order. The smaller one was lifted out, caulked and painted.

THE TWELVE YAWL BOATS are in good order. One, eighteen feet eight inches long, was built by Department workmen, and one was lost during the night of February 3d.



GANSEVOORT STREET YARD.—Twenty-five concrete blocks have been made at this yard during the year. There have been received 2,053 barrels of cement and samples of each lot have been tested. All the iron and blacksmith work for the Department has been done here, and small articles have been issued from the store-house as required.

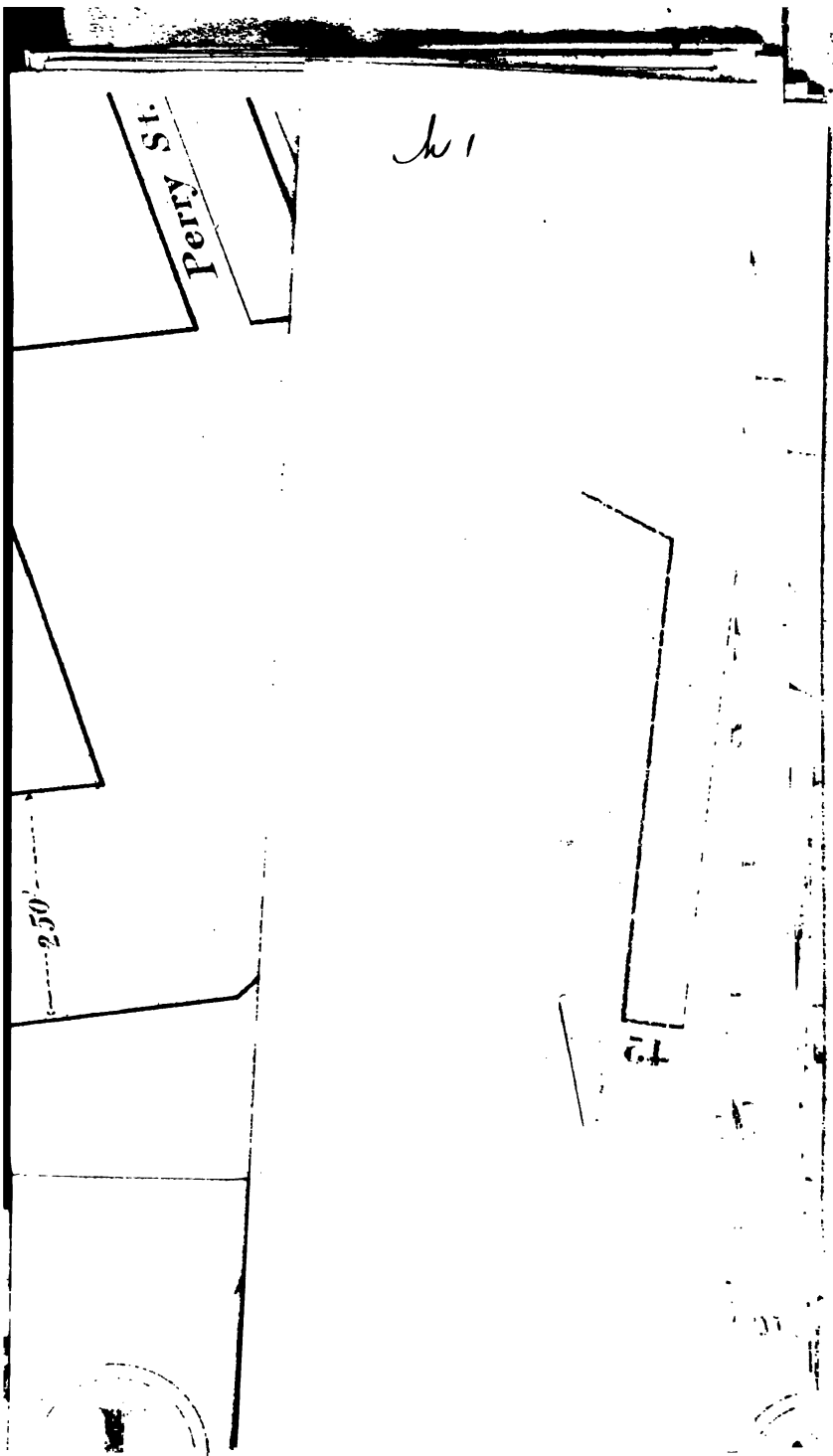
EAST SEVENTEENTH STREET YARD.—The principal work at this yard has been the receiving, storing and issuing of grain delivered by the contractor. Some slight repairs to the derrick have been made.

At the request of the Board of Health, a part of the yard was set aside last spring for the purpose of a Reception Hospital for contagious diseases, and has been used as such ever since. The dog-pound was moved farther from the bulkhead to make room for this hospital.

#### PROPOSED NEW IMPROVEMENT FOR THE NORTH RIVER WATER-FRONT, FROM WEST ELEVENTH STREET TO WEST TWENTIETH STREET.

I avail myself of this opportunity to lay before the Board some notes and figures concerning that part of the North River water front between West Eleventh and West Twentieth Streets, upon which comment was made in the last Annual Report of the Commissioners. For the purpose of making the matter clearer and for ready comparison, I submit three plans of this district. The first of these plans shows the water front as it will be when the plan now established by law shall have been carried out; the second shows a new plan for the improvement of this district; and the third shows the land to be taken for the improvement.

As will be seen by Plan No. 1, there are to be, under the present plan, no piers between Pier New 47, nearly opposite the foot of Perry Street, and proposed Pier New 48, which will be between West



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Eighteenth and West Nineteenth Streets, a distance of about 4,430 feet, and from proposed Pier New 48 to West Twenty-second Street, there are but four piers; the longest only 357 feet long upon its centre line, while the shortest is 120 feet. The wharfage room, from the north side of Pier New 47 to the north side of proposed Pier New 51, including both bulkheads and piers, is about 7,600 feet.

I propose the following plan of improving this district:

1. To continue West Street widened to 250 feet upon its line between West Eleventh and Gansevoort Streets to the intersection of said line with Thirteenth Avenue.

2. To remove all buildings, piers, earth and mud, west of this new 250-foot street to a depth of 25 feet below mean low water mark.

3. To build a bulkhead or river wall, or other retaining structure, on the west side of this new street.

4. To build 21 new piers, each 80 feet wide, with slips of 160 feet width between them, from the west side of the new street to the new proposed pier line, as shown upon Plan No. 2.\*

There are shown by Plan No. 2, twenty-one new piers in this district of the water front, each 80 feet wide and from 450 to 530 feet long and with slips 160 feet wide. The total amount of wharfage room here, by this plan, is about 25,570 feet, against 7,600 feet by the present plan, as stated above.

The advantages of having so much more room for shipping in this part of the city are very evident, and the next question is that of cost and revenue. With regard to this, I make the following estimate:

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\* This arrangement of the size and location of the piers is made only to show the capacity of the district for wharfage and revenue, or that so many piers of such a size can be built within it. It is better not to fix the size and location of piers exactly, under the customary length of leases, until the wishes of intending lessees are definitely known.

The assessed valuation of the property to be acquired is,	
according to the books of the Department of Taxes..	\$2,066,795 00
Add 50% for cost of purchase.....	1,033,397 50
<hr/>	
Total for property.....	\$3,100,192 50
Cribwork to be removed, 294,000 cubic yards, at \$1....	294,000 00
Old filling to be removed by dredging, 1,860,000 cubic yards, at 30 cents.. .....	558,000 00
Dredging outside present crib bulkhead, 900,000 cubic yards, at 20 cents.....	180,000 00
New piers to be built at \$40,000 each.....	840,000 00
<hr/>	
	\$4,972,192 50
Add 10% for contingencies, including cost of removing buildings, piers, etc., over their value when sold as old material.....	497,219 25
<hr/>	
	\$5,469,411 75

The revenue to be derived from the twenty-one new piers is, at present rates, an average of at least \$30,000 per annum for each pier, which, for twenty-one, amounts to \$630,000. If from this be deducted the taxes upon \$2,066,975 of valuation at two and one-half per cent., equal to \$51,674.37, there remains a net yearly revenue of \$578,326, or more than 10 per cent.

In considering the cost of improving this section on this new plan, the cost of the bulkhead or river wall is not taken into account, for the reason that the wall must be built under either plan. The borings made in 1872 show that the line of the wall at this section, as required by the existing plan, is over very deep mud and that it will require expensive foundations, while on this new plan it can, doubtless, be built at less expense, although just how much less cannot be estimated without further borings and examinations.

It will be seen that the pier line of this proposed plan varies but little from the bulkhead line of the present plan between West Eleventh and West Thirteenth Streets, and that between West Thirteenth and West Twenty-second Streets, it is outside the bulkhead and pier line as now established, a distance of about 170 feet at the point of greatest variation.

The location of this new line has not been made without great care and particular examination of sections of the river channel. South of West Thirteenth Street this line runs straight to the end of Pier New 47, which is as nearly as possible the line of the current between the two points.

Recent soundings taken along this section show that the line of 25 feet depth at mean low water is about 150 to 200 feet outside this proposed pier line between West Eleventh and West Thirteenth Streets, and that it is about 200 feet outside the proposed pier line between West Thirteenth and West Twenty-second Streets, and that only at and above Twenty-first Street is there now a depth of 25 feet below mean low water mark on this line. If, therefore, this proposed plan should be carried out, the present sectional area of the channel would be enlarged by making a depth of 25 feet of water, where now there is but from 10 to 20 feet for this width of from 150 to 200 feet, throughout nearly the whole length of this district. Moreover, this depth of 25 feet will be more apt to be maintained in a district having piers of such size, in order to accommodate vessels using them, than it will be in the same district if the present plan is carried out, of building only a bulkhead wall with a few small piers.

After careful examination, I conclude that this new proposed plan may be carried out *as a whole* without fear of damage, and that it will be an improvement upon the present plan of improving this district, as regards the future of the harbor and the City water front, as well as advantageous to the commerce of the City and the revenues of this Department.

I submit herewith an appendix containing a summary of the journal

of the work done at each section, a list of the items of general repairs, a statement in detail of dredging done, and a schedule of items of work, repairs, etc., done by permit from the Board of Docks, and under my general supervision.

Very respectfully,

Your obedient servant,

G. S. GREENE, JR.,

*Engineer-in-Chief.*

## APPENDIX.

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### SUMMARY OF JOURNAL OF THE WORK FOR THE YEAR ENDING APRIL 30TH, 1880.

#### NORTH RIVER WATER-FRONT.

##### BATTERY SECTION.

May 6th to 8th.—Diver took up specimens of wood put down at Pier New 1, North River, a year since, to test different processes of protecting wood against the attacks of the *teredo*.

May 14th to 17th.—Repaired approach to Pier New 1, North River.

June 19th to July 26th.—Cut 33 pieces of granite curbing for the Boat Landing.

June 24th to 27th.—Drilled holes for temporary backing logs on bulkhead north of pier.

June 27th to July 5th.—Laid plank approach to Pier New 1, North River.

July 7th to 9th.—Put down temporary backing log along foot walk on pier.

July 16th to 18th.—Placed backing log on wall to the north of pier.

July 28th to August 23d.—Laying drain pipes, building basins and setting curbing in rear of Boat Landing; also repairing, painting and moving small boat house.

August 28th to 29th.—Mason drilling holes for ring bolts at Boat



Landing, and Contractor Scully placing 60 cubic yards of rip-rap at the north end of bulkhead wall.

February 6th to April 30th.—Elevated Railroad Company deposited 1,508 loads of ashes on the bulkhead, removing the same in boats and providing screens to prevent any from going into the water.

#### CHAMBERS STREET SECTION.

May 1st to 21st.—The Union Dredging Company removed 1,005 cubic yards of crib work on site of Pier Old 30, North River, for bulkhead wall.

May 1st to June 14th.—The Union Dredging Company removed 21,114 cubic yards of mud for bulkhead wall and finished; commenced April 25th, 1879. Total removed, 26,489 cubic yards.

May 6th to July 21st.—The Union Dredging Company commenced and finished dredging for Pier New 20, North River, removing 23,450 cubic yards of mud and 3,211 cubic yards of crib work.

May 9th.—Diver removed sunken timber from slip on site of bulkhead wall.

May 19th to 26th.—Repaired approach to Pavonia Ferry at north end.

May 27th to 31st.—The Union Dredging Company removed 2,809 cubic yards of mud from slip north of Pier New 20, North River.

May 28th and 29th —Diver examined wall foundation after dredging.

May 29th to 31st.—Received 388 loads of filling in the rear of wall.

May 29th to June 2d.—Relaid approach to Pavonia Ferry at south end.

June 5th.—Divers, assisted by pile-driver, pulled and removed broken and sunken piles on site of Pier New 20, North River.

June 10th.—Divers made examination of wall foundation after final dredging.

June 11th to January 19th.—Put down in foundation 6,402 cubic yards of cobbles, and in front and rear of wall 8,150 cubic yards of rip-rap.

June 16th to 24th.—Repaired south side of Pier Old 31, North River.

June 27th.—Sheathed a portion of southerly approach to Pavonia Ferry.

July 15th.—Diver examined site dredged for Pier New 20, North River.

July 16th and 17th.—Divers, assisted by pile-driver, pulled and removed 33 sunken and broken piles from site of Pier New 20, North River.

July 22d to September 18th.—Drove 605 vertical and 99 bracing piles for bulkhead wall.

July 23d.—Removed a part of connecting roadway at north end of Pavonia Ferry to permit of driving bracing piles for wall.

July 28th to December 6th.—Contractors Ross and Sanford completed Pier New 20, North River, excepting about 100 feet from the inner end.

July 31st to September 23d.—Made, placed and fastened 8 binding frames.

August 25th to September 29th.—Department pile cutting machine cut off 465 piles in wall foundation, the balance being cut by hand.

August 27th to October 2d.—The 100-ton derrick set 16 concrete base blocks.

September 15th to October 27th.—Capping for bulkhead wall completed for present length, 64 transverse and 588 linear feet of longitudinal capping having been placed and fastened.

October 14th to 23d.—Removed portion of Pier Old 30, and platform adjoining, in rear of bulkhead wall.

October 20th to December 17th.—The 10-ton derrick set 186 pieces of granite, making a length of 169.78 feet on the "E" course.

November 7th to January 1st.—Laying 4 inch deck plank and placing sheet piling to retain stone filling for the bulkhead wall.

November 14th to 22d.—Relaid the north plank roadway to Pavonia Ferry.

December 15th to April 30th.—Received 29,798 loads of filling, 1,387 of which were from the Police Department.

December 15th to February 3d.—Contractors Ross and Sanford completed the inner 100 feet of Pier New 20, North River.

January 14th to March 7th.—The Union Dredging Company removed 27,123 cubic yards mud from slip, north side Pier New 20, North River. To date, 34,112 cubic yards.

January 30th to February 26th.—Removing old work in rear of wall.

February 4th to April 13th.—Constructing temporary sewer along old bulkhead from Chambers Street to the north side of Pier Old 31, North River.

February 9th to 15th.—Moving Department Office at this section.

February 16th to 27th.—Diving party removing sunken and broken piles from slip on the north side of Pier New 20, North River.

March 12th to 30th.—Laying plank roadways to Pier New 20, North River.

April 14th to 30th.—Taking up sheathing and deck plank on Pier Old 31, North River, and cutting through said pier in line of bulkhead wall.

April 16th to 20th.—Laying plank roadway in front of the New York, Lake Erie and Western Railroad Company's freight shed.

April 26th to 30th.—The Union Dredging Company removed 4,109 cubic yards of mud on site of Pier New 21, North River.

#### BEACH STREET SECTION.

June 6th to 10th.—Drove and pulled out test piles on site of Pier New 26, North River.

August 11th to 24th.—Department force removing sheathing, deck and fender piles from outer portion of Pier Old 37, North River.

August 25th to October 9th.—The Union Dredging Company removed 26,060 cubic yards of mud on site of Pier New 26, North River.

August 26th to September 12th.—Repaired sheathing on the inner end of Pier Old 37, North River.

August 27th to September 5th.—Contractors T. & A. Walsh removing outer 270 feet of Pier Old 37, North River.

September 6th to February 3d.—Contractors T. & A. Walsh completed the first or outer portion of Pier New 26, North River.

September 20th to October 12th.—The Union Dredging Company removed 1,288 cubic yards of crib work on site of Pier New 26, North River.

December 29th to January 14th.—Building temporary connection to Pier New 26, North River, and placing additional mooring posts on completed part of Pier New 26, North River.

January 20th to February 15th.—Continued the placing of additional mooring posts on Pier New 26, North River.

January 23d to 27th.—Divers placing bolts below low water in fenders, armature plates, etc., of Pier New 26, North River.

February 20th to April 30th.—The Union Dredging Company removed 18,534 cubic yards of mud and 1,450 cubic yards of cribwork for bulkhead wall, and 7,892 cubic yards of mud and 2,536 cubic yards of cribwork on site of Pier New 26, North River, inner end. To date there have been removed from the site of this pier, 33,952 cubic yards of mud and 3,824 cubic yards of cribwork.

February 28th to March 24th.—Taking up sheathing and deck plank and pulling out fender piles on the northerly two-thirds of inner portion of Pier Old 37, North River.

March 9th to 30th.—Constructing temporary connection to Pier New 26, North River, adjoining the remaining portion of Pier Old 37, North River.

March 10th to 12th.—Test piles driven at site of proposed bulkhead wall between Piers Old 37 and Old 38, North River.

March 18th to April 30th.—There were deposited on bulkhead wall foundation 1,987 cubic yards of cobbles and 2,153 cubic yards of rip-rap.

March 24th to April 1st.—Contractors T. & A. Walsh removing

the northerly two-thirds of inner portion of Pier Old 37, North River.

April 2d to 6th.—Repaired sheathing on inner end of Pier Old 37, North River.

April 13th to 17th.—Erected temporary storehouse for use at section.

April 20th to 30th.—Drove 78 vertical and 12 bracing piles for bulkhead wall.

#### CANAL STREET SECTION.

May 2d to 16th.—Diver examined face of wall.

September 18th to 24th.—Repaired plank roadway to Pier New 34.

February 16th.—Pulled up and removed 11 pile stumps from bottom of slip on north side of Pier New 34.

February 16th to 17th.—Repaired plank roadway to Pier New 34.

April 15th to 24th.—Repaired plank roadway to Pier New 34.

#### SPRING STREET SECTION.

May 1st to 5th.—Diver examined face of wall.

May 8th to April 24th.—Put down in foundation 1,021 cubic yards of cobbles, and in front and rear of wall 812 cubic yards of rip-rap.

May 8th to June 5th.—Encased the woodwork at north end of wall to protect it from marine worms, driving 25 piles in a close row, and using 265 cubic yards of cobbles, and 53 cubic yards of rip-rap.

June 27th and 28th.—Sheathed plank roadway to Pier New 35, 21 feet by 21 feet.

November 10.—Repaired plank roadway to Pier New 35.

December 4th to 10th.—Removed the casing placed around woodwork at north end of wall.

December 6th to January 10th.—Drove 52 piles in bulkhead wall foundation, and finished.

February 9th to 16th.—Repaired plank roadway to Pier New 35.

February 11th to 28th.—Placed 9 transverse and 72 feet of longitudinal caps on wall, and finished.

February 14th.—Set  $1\frac{7}{8}$  concrete base blocks in wall, and finished.

#### CHARLTON STREET SECTION.

May 1st.—Diver finished examination of face of wall.

May 14th.—Repaired plank roadway to Pier New 37.

July 14th to 19th.—Raised and relaid plank roadway to Pier New 37.

July 14th to 19th.—Received 403 loads of earth filling in rear of wall.

September 11th to October 9th.—Removed 234 feet of the inner end of shed on Pier Old 44.

September 15th to 27th.—Cut through Pier Old 44, for about 166 feet in length, to make way for wall.

September 18th.—Commenced setting coping on wall, and set to date  $3\frac{1}{4}$  pieces—28.05 lineal feet, north of Pier New 37.

September 24th.—Commenced fastening backing log on coping.

October 9th to December 18th.—The Union Dredging Company excavated for bulkhead wall 18,957 cubic yards of mud.

October 20th.—Drilled holes in granite facing, north of Pier New 37, for insertion of copper plugs to serve in taking accurate measurements of opening or closing of cracks discovered there.

October 21st to date.—Received 1,095 cart loads of cobbles on the dump (free).

November 3d to March 1st.—The Union Dredging Company excavated for Pier New 36, 15,550 cubic yards of mud, and 1,281 of cribwork, and discharged 557 cubic yards of the latter, back of bulkhead wall.

November 8th to date.—Put down 5,684 cubic yards of cobbles in foundation, and 5,580 cubic yards of rip-rap in front and rear of wall.

December 1st to April 26th.—Drove 855 piles in bulkhead wall foundation, and finished.

January 14th to April 16th.—Set  $19\frac{5}{8}$  concrete base blocks in bulkhead wall.

January 24th to 31st.—Repaired plank roadway to Pier New 37.

February 13th to 19th.—Removed 40 feet of inner end of Pier Old 44, to enable dredge to work on crib.

March 4th to 13th.—Took down the shed on what remained of Pier Old 44.

March 17th to 27th.—Took deck, backing logs and spring piles off Pier Old 44.

April 6th to 21st.—Drove 68 piles for permanent sewer.

April 14th to 30th.—Removing inshore end of Pier Old 44.

April 15th to 17th.—Raised and repaired plank walk to Pier New 37.

April 17th to 20th.—Placed 151 cubic yards of the cobbles received free on the dump between the permanent sewer piles.

April 30th.—Finished placing capping on bulkhead wall.

#### OLD KING STREET SECTION.

May 5th.—Diver re-examined face of wall.

September 18th.—Set the last piece of coping on bulkhead wall.

Total length of coping, 148.41 feet.

September 24th to 25th.—Fastened backing log on coping.

#### NEW KING STREET SECTION.

August 8th to 9th.—Repaired plank roadway to Pier New 38.

August 16th.—Received 8 loads of earth filling in rear of wall.

September 10th to 11th.—Repaired plank roadway to Pier New 38.

November 20th to 22d.—Repaired plank roadway to Pier New 38.

January 27th to 30th.—Repaired plank roadway to Pier New 38.

April 13th to 14th.—Repaired plank roadway to Pier New 38.

#### LOWER CLARKSON STREET SECTION.

No work was done at this section during the year.

#### HOUSTON STREET SECTION.

May 15th to October 16th.—Received 798 loads of earth filling in rear of wall.

May 15th to 22d.—Repaired plank roadway to Pier New 39.

September 12th to 13th.—Repaired plank roadway to Pier New 39.

October 18th.—Drilled holes in granite facing of bulkhead wall, 25 feet south of north line of Pier New 39, for insertion of copper plugs to serve in taking accurate measurements of opening or closing of cracks discovered there.

November 22d to 28th.—Repaired plank roadway to Pier New 39.

February 2d to 7th.—Repaired plank roadway to Pier New 39.

#### UPPER CLARKSON STREET SECTION.

May 12th to 20th.—Set 21 pieces of granite, 31.22 feet on "E" course, closing the gap for temporary sewer outlet, and making a total length of 102.51 feet on the "E" course.

May 9th to September 13th.—Received 694 loads of earth filling in rear of wall.

September 9th to 12th.—Set  $9\frac{1}{2}$  pieces of coping on bulkhead wall = 80.31 lineal feet. Total length of coping = 102.51 feet.

September 22d to 24th.—Fastened backing log on coping.

December 8th.—Diver examined sewer deposit in front of wall north of Pier New 39.

#### LEROY STREET SECTION.

May 1st to October 4th.—Received 3,078 loads of earth filling in rear of wall.

May 3d to 6th.—Inclosed sewer opening with a fence at foot of Clarkson Street.

May 5th.—Drew centres from permanent sewer.

May 7th to 13th.—Removed temporary sewer outlet at foot of Clarkson Street.

May 10th.—Finished laying plank roadway to Pier New 40.

May 23d.—Repaired plank roadway to Pier New 40.

June 5th to 12th.—Covered in temporary sewer opening.



June 25th to 28th.—Raised and relaid plank roadway to Pier New 40.

June 25th to July 1st.—Put close planking on outer row of piles of Pier New 40.

July 10th to 14th.—Raised and relaid plank roadway to Pier New 40.

August 6th to 7th.—Leveled earth and laid horse walk on bulkhead north of Pier New 41.

August 29th to September 6th.—Repaired plank roadway to Pier New 41.

September 12th to 17th.—Set 7 pieces of coping on bulkhead wall — 55.21 lineal feet. Total length of coping, 331.39 feet.

September 20th to 22d.—Fastened backing log on coping.

September 24th to October 1st.—Repaired plank roadway to Pier New 40.

December 3d to 13th.—The Knickerbocker Ice Company removed platform on south side of Pier New 41, also their scales.

December 12th to 16th.—Planked over opening left in Pier New 41 by removal of scales.

December 16th to 17th.—Placed 25 feet of backing log on south side of Pier New 41, where boiler house formerly stood.

January 12th.—Removed chippings of reduced base blocks from the concrete platforms at Gansevoort Street, and discharged them at the back of the wall.

January 14th.—The "Annex" ferry boats commenced running from foot of Clarkson Street.

January 23d to 24th.—Repaired plank roadway to Pier New 40.

March 27th.—Repaired plank roadway to Pier New 41.

March 27th to April 12th.—Repaired Pier New 41; drove 43 spring and 4 mooring piles, sheathed deck 64x142 feet, and patched sheathing 30x35 feet.

#### MORTON STREET SECTION.

May 31st to June 2d.—Diver placed 13 loads of cobbles under and on platform.

August 1st to 5th.—Leveled earth and laid horse walk on bulkhead south of Pier New 42.

August 22d to 25th.—Received 7 loads of earth filling in rear of wall.

August 23d to 26th.—Repaired plank roadway to Pier New 42.

January 16th to 20th.—Excavated for and repaired leaks in water pipe leading to Pier New 42.

January 21st to 23d.—Repaired plank roadway to Pier New 42.

March 19th to 24th.—Excavated for and repaired leaks in water pipe leading to Pier New 42.

April 15th to date.—The Union Dredging Company excavated 4,577 cubic yards of mud in slip, south side of Pier New 42.

#### CHRISTOPHER STREET SECTION.

June 2d to 6th.—Excavated for and covered break in sewer opposite Hoboken Ferry.

June 19th to July 1st.—Contractor Loomis excavated 12,018 cubic yards of mud at Pier New 46.

June 20th to July 3d.—Repaired mooring posts, corner bands, gates and roof of Pier New 43.

July 16th to 28th.—Drove 48 spring and fender piles, shifted water pipe and cut gangways on Pier New 43, for the Old Dominion Steamship Company.

August 4th.—Laid horse walk on bulkhead south of Pier New 43.

August 5th.—Received 10 loads of earth filling in rear of wall.

August 5th to 6th. — Repaired plank roadway to Pier New 45.

August 20th to 21st.—Repaired plank roadway to Pier New 43.

August 22d.—Repaired plank roadway to Pier New 44.

August 22d to September 26th.—Painted roof and portion of south side of shed on Pier New 43.

August 26th to 27th.—Repaired platform between Piers New 46 and New 47.

September 8th to 10th.—Repaired plank roadway to Pier New 46.

September 27th to 30th.—Drove 6 spring piles and removed 3 broken, at south side and end of Pier New 43.

October 17th.—Drilled holes in granite facing of wall between Piers New 45 and New 46, for insertion of copper plugs to serve in taking accurate measurements of opening or closing of cracks discovered there.

October 20th to 22d.—Drove 11 spring piles at end of Pier New 43, (3 of them to replace those broken by the steamship "Labrador" on 14th October).

December 3d.—Repaired doors of shed on Pier New 43.

January 5th to 8th.—Repaired plank roadway to Pier New 45.

January 9th to 12th.—Repaired plank roadway to Pier New 43.

January 12th to 15th.—Repaired plank roadway to Pier New 44.

February 17th to 19th.—Repaired plank roadway to Pier New 45.

February 20th to 27th.—Repaired plank roadway to Pier New 46.

March 1st to 8th.—Repaired plank roadway to Pier New 43.

March 3d to 4th.—Repaired platform between Piers New 45 and New 46.

March 9th.—Sheathed 176 square feet of deck of Pier New 43.

March 25th to 26th.—Repaired plank roadway to Pier New 43.

March 29th.—Repaired doors and roof of shed on Pier New 43.

April 3d to 6th.—Repaired plank roadway to Pier New 44.

#### PROPOSED PIERS AND BULKHEAD, FROM TWENTY-THIRD TO THIRTY-FIFTH STREETS, NORTH RIVER.

December 23d to date.—Made 89 borings for same.

#### MISCELLANEOUS.

July 24th to 29th.—Fenced sewer ditch at Fifty-sixth Street, North River.

August 12th.—All of the Department's piles remaining at Weehawken Basin were taken to the Storage Basin at Fifty-seventh Street, North River.

## DEPARTMENT YARDS.

## GANSEVOORT STREET YARD.

May 1st, to April 30th.—Blacksmiths making and repairing iron work for floating property, general repairs, East Seventeenth Street Yard, Christopher, Leroy, Clarkson, King, Houston, Chambers and Beach Street Sections.

May 1st to July 31st.—Carpenters working for Chambers Street Section, Department Offices and East Seventeenth Street Yard, and leveling up platforms for concrete blocks.

May 1st to 25th.—Laborers assisting carpenters in stripping and setting up concrete moulds; also engaged making concrete blocks and receiving 400 barrels of cement.

August 9th to October 31st.—Carpenters engaged on work for East Seventeenth Street Yard, Department Offices, Chambers Street Section, and in leveling up platforms, repairing, altering and setting up concrete moulds. Laborers assisting in stripping and setting up moulds, receiving 650 barrels of cement, and making 22 concrete blocks containing 666½ cubic yards of concrete.

November 2d, to January 21st.—Carpenters repairing three old moulds, altering one mould and making three new moulds; also setting up and stripping concrete moulds, making three new sets of cores, new top moulds and mortar boxes, and trimming platforms.

November 2d to December 31st.—Laborers receiving 2,053 barrels of cement, 160 cubic yards of broken stone, assisting carpenters in setting up and stripping moulds, and making 25 concrete blocks containing 830 cubic yards of concrete.

February 1st to April 22d.—Carpenters engaged on work for Department Offices and repairing old cores.

## EAST SEVENTEENTH STREET YARD.

May 1st to June 17th.—Delivered screw-bolts to contractors

for Pier New 20, North River, and loaded scows with granite for Boat Landing curbing at Battery.

June 19th.—Contractor Hall commenced delivering granite on his contract.

June 19th to July 30th.—Receiving granite from contractor and delivering screw-bolts to contractors for Pier New 20, North River.

August 6th.—Delivering bolts to contractors for Pier New 20, North River.

September 12th.—Contractor Hall finished delivering granite under his contract.

October 10th.—Delivering bolts to contractors for Pier New 20, North River.

October 25th.—Delivering bolts to contractors for Pier New 26, North River.

October 26th.—Repairing the yard derrick.

November 2d to 5th.—Loading scow with granite for Chambers-Street Section.

November 8th to December 6th.—Repairing the derrick iron work at the mast-head, oiling guys and strengthening straining post.

November 8th and December 11th.—Delivering bolts to contractors for Pier New 26, North River.

February 3d to 28th.—Tallowing bolts and wheeling coal.

March 12th.—Moving rejected stone belonging to Department and to ex-Contractor Hogan.

April 15th to 27th.—Loading scow with granite for Charlton Street-Section and repairing derrick guys.

## GENERAL REPAIRS.

## NORTH RIVER.

Bulkhead at Seventy-ninth Street.—Patched 12 square feet of deck, 35 square feet of close fenders with old plank, set 3 mooring posts laid 16 lineal feet of backing log, and put on 12 square fenders. Finished May 1st.

Bulkhead at Seventy-ninth Street.—Drove, chocked and fastened 17 spring piles and laid 22 feet of backing log. Finished July 30th.

Pier at Fifty-seventh Street.—Drove 2 bearing and 7 spring piles, put on 6 half-round fenders and refastened old fenders. Finished May 21st.

Pier at Fifty-seventh Street.—Patched 317 square feet of deck and 420 square feet of sheathing with old plank. Finished November 17th.

Pier at Fifty-seventh Street.—Patched 24 square feet of deck and 36 square feet of sheathing with old plank. Finished January 24th.

Approach to Pier at Fifty-seventh Street.—Patched 1,128 square feet of deck, 200 square feet of sheathing with old plank; took up and re-laid 1,360 square feet of old sheathing. Finished December 27th.

Approach to Pier at Fifty-seventh Street.—Patched 114 square feet of deck, 244 square feet of sheathing, and laid 63 lineal feet of backing log. Finished January 15th.

Approach to Pier at Fifty-seventh Street.—Patched 64 square feet of deck and 35 square feet of sheathing with old plank. Finished January 24th.

Approach to Pier at Fifty-seventh Street.—Patched 2,864 square feet of deck and 3,278 square feet of sheathing with old plank. Finished March 24th.

Timber Basin at Fifty-seventh Street.—Rafted loose piles and timber, and drove 1 pile to secure rafts. Finished May 17th.

Timber Basin at Fifty-seventh Street.—Made up and secured broken rafts. June 24th.

Timber Basin at Fifty-seventh Street.—Drove 4 piles to secure rafts. August 26th.

Timber Basin at Fifty-seventh Street.—Secured and fastened boom logs. October 3d.

Pier at Thirty-eighth Street.—Patched 4,624 square feet of deck with old plank, laid 2,202 square feet of 3-inch yellow pine sheathing, relaid 3,676 square feet of old sheathing, put down 162 lineal feet of backing log, and drove and fastened 14 fender, 4 spring and 4 mooring piles. Finished July 24th.

Public Bath at Thirty-fifth Street.—Moored 4 fender floats to bath. June 11th.

Public Bath at Thirty-fifth Street.—Removed floats and stored them under Pier 43, North River. October 23d.

Pier at Thirty-fifth Street.—Patched deck, refastened loose sheathing, and straightened and refastened backing log. August 2d.

Pier at Thirtieth Street.—Refastened loose sheathing. August 4th.

Pier at Twenty-eighth Street.—Patched 2,363 square feet of deck, laid 3,364 square feet of 3-inch yellow pine sheathing, relaid 2,690 square feet of old sheathing, set two mooring posts, laid 176 lineal feet of backing log, and put on 12 square and 10 half-round white oak fenders. June 10th.

Pier at Twenty-eighth Street.—Patched 725 square feet of deck and 3,169 square feet of sheathing with old plank, and laid 44 feet of side caps and 84 feet of backing log. April 30th.

Bulkhead at Twenty-fourth Street.—Excavated in rear of bulkhead, covered sewer, straightened lamp post, filled excavation, and relaid pavement. September 6th.

Boat Landing at Twenty-third Street.—Repaired float and gang plank. July 29th.

Pier at Twenty-third Street.—Built a hood over mouth of sewer. November 15th.

Bulkhead at Nineteenth Street.—Repaired bulkhead, put in 1 mooring post, and drove, chocked and fastened 10 fender piles. May 29th.

Pier at Little Twelfth Street.—Built up bulkhead, put in three braces, planked over sewer, laid 38 feet of backing log, refastened old backing log, drove 16 fender piles, put in 33 chocks, and set 1 mooring post. March 18th.

Pier between Bogart and Bloomfield Streets.—Drove, chocked and fastened 9 spring and 3 fender piles, and put in 1 mooring post. August 22d.

Pier at Gansevoort Street.—Drove, chocked and fastened 1 oak spring and 1 oak fender pile, and put on 2 half-round white oak fenders. June 2d.

Public Bath at Bethune Street.—Fastened 4 floats to bath. June 16th.

Public Bath at Bethune Street.—Removed floats, and stored them under Pier New 43, North River. October 23d.

Pier and Bulkhead at West Eleventh Street.—Drove 1 bearing, 2 spring and 30 fender piles, put on 9 square fenders, repaired 5 mooring posts, laid 91 lineal feet of backing log, and refastened loose sheathing. May 3d.

Pier New 47.—Put on 1 oak cleat. August 5th.

Bulkhead between Piers New 42 and New 43.—Handled and stored lot of old piles on bulkhead. August 25th.

Bulkhead between Piers New 41 and New 42.—Removed large stone from bulkhead. October 8th.

Pier New 41.—Swept and cleaned deck of pier. January 27th.

Bulkhead between Piers New 39 and New 40.—Removed lot of old square timber and lot of new 3-inch yellow pine plank from bulkhead. October 4th.

Pier Old 42.—Drove 3 spring and 2 mooring piles; set 2 coal derricks; patched 72 square feet of close fenders, 261 square feet of deck, and 1,011 square feet of sheathing with old plank, and laid 22 feet of side caps, 276 feet of backing log, 2,960 square feet of new 3-inch yellow pine sheathing, and relaid 1,305 square feet of old sheathing. May 3d.

Pier Old 42.—Pulled 1 loose broken pile. April 3d.



Pier Old 42.—Patched 473 square feet of deck and 3,386 square feet of sheathing with old plank, and laid 2,426 square feet of new 3-inch yellow pine sheathing. April 30th.

Bulkhead on north side of Laight Street.—Drove 21 bearing piles and rebuilt bulkhead. August 22d.

Bulkhead on north side of Pier Old 37.—Repaired and patched platform. October 30th.

Pier Old 37.—Straightened and braced lamp post. June 23d.

Pier Old 37.—Patched 139 square feet of deck. December 30th.

Pier Old 34.—Reset lamp post and repaired platform. August 30th.

Pier Old 22.—Built a fence around broken portion of platform. September 9th.

Bulkhead north side Pier New 1.—Erected a spar to support a coal derrick. February 9th.

Pier New 1, North River.—Drove 16 spring piles and put on 3 cleats. June 21st.

Pier New 1, North River.—Drove, chocked and fastened 4 oak spring piles. July 8th.

Pier New 1, North River.—Drove, chocked and fastened 2 oak spring piles. July 12th.

Pier New 1, North River.—Chocked and refastened spring piles. August 7th.

Pier New 1, North River.—Refastened spring piles. August 11th.

Pier New 1, North River.—Refastened spring piles. August 22d.

Pier New 1, North River.—Refastened spring piles. September 4th.

Pier New 1, North River.—Drove, chocked and fastened 2 oak spring piles. October 1st.

Pier New 1, North River.—Drove, chocked and fastened 3 oak spring piles; pulled 3 broken piles, and redrove one of them. October 7th

Pier New 1, North River.—Swept and cleaned pier. October 8th.

Pier New 1, North River.—Put on 1 oak cleat. October 16th.

Pier New 1, North River.—Relaid platform on roadway with 3-inch yellow pine plank. October 31st.

Pier New 1, North River.—Drove, chocked and fastened 11 oak spring piles. November 26th.

Pier New 1, North River.—Drove, chocked and fastened 3 oak spring piles. November 28th.

Pier New 1, North River.—Drove, chocked and fastened 1 hickory spring pile. December 24th.

Pier New 1, North River.—Put on 1 cleat. January 7th.

Pier New 1, North River.—Drove, chocked and fastened 3 spring piles. January 19th.

Pier New 1, North River.—Refastened spring piles on outer end of pier. February 7th.

Pier New 1, North River.—Made chocks for spring piles. February 28th.

Pier New 1, North River.—Refastened spring piles with chains and staples. April 2d.

#### EAST RIVER.

Pier 18.—Drove 1 fender and 4 oak spring piles; put on 1 square and 2 half-round white oak fenders; battened mooring piles and laid 5,132 square feet 3-inch yellow pine sheathing. May 24th.

Pier 19.—Patched 240 square feet of deck, and laid 4,738 square feet of sheathing with old plank; repaired corner band and battened mooring posts. October 14th.

Pier 19.—Laid 1,365 square feet of old 4-inch spruce sheathing, and relaid 1,360 square feet of old sheathing. October 27th.

Bulkhead between Piers 20 and 21.—Put on 12 half-round white oak fenders. June 10th.

Pier 22.—Drove 5 fender piles; put on 12 square fenders; set 2 mooring posts; patched 66 square feet of deck, and laid 747 square feet of sheathing. May 12th.

Pier 23 (outer end).—Drove, chocked and fastened 5 oak fender piles, and shored up and battened mooring piles. May 10th.

Pier 23 (inner end).—Drove 1 bearing, 2 mooring, and 9 fender piles; patched close fenders; raised backing log; patched 238 square feet of deck, and laid 4,525 square feet of 3-inch yellow pine sheathing. May 13th.

Pier 25.—Laid 932 square feet of 3-inch yellow pine sheathing; spliced cross-caps, and put in chocks and braces. May 24th.

Bulkhead between Piers 44 and 45.—Drove 1 fender and 3 bearing piles; put in 1 mooring post; laid 8 feet of backing log, 40 feet of caps; put in braces and cross-ties; filled excavation, and relaid pavement. March 27th.

Bulkhead at Pier 48.—Repaired bulkhead; reset 1 mooring post; put on 1 square fender, and laid 22 feet of backing log. September 5th.

Pier 51.—Put on 4 half-round white oak fenders, and patched old fenders. June 4th.

Bulkhead at Pier 51.—Rebuilt bulkhead; drove 7 bearing piles; put in 142 feet of caps, 198 feet of anchor logs, and set and braced 1 mooring post. October 23d.

Public Bath at Pier 51.—Fastened four float-fender stages to bath with chains. June 17th.

Public Bath at Pier 51.—Removed and repaired float-stages, and stored them under Pier New 43, North River. October 23d.

Pier 51½.—Put on 11 half-round white oak fenders. June 2d.

Pier 52.—Put on 3 half-round fenders, and patched old fenders. June 3d.

Pier 53.—Put on 1 square and 10 half-round fenders; patched close fenders and set and braced 1 mooring post. June 6th.

Dump at Pier 54.—Put in 11 braces and drove 6 bearing and 3 fender piles. June 11th.

Bulkhead at Corlears Street.—Drove and chocked 3 oak fender piles, and put on 2 square fenders. May 12th.

Bulkhead at corner of East and Water Streets.—Removed deck for examination of bulkhead and relaid it. November 29th.

Pier 55.—Drove and fastened 2 bearing and 2 oak spring piles; put

on 8 square and 16 half-round fenders, and patched 318 square feet of deck with 5-inch yellow pine plank. May 30th.

Pier 55.—Patched 755 square feet of deck with old plank. December 10th.

Pier 55.—Sheathed 5,104 square feet of deck with new 3-inch yellow pine plank; raised 210 lineal feet of backing log; rebuilt gangway; put on 2 square fenders; refastened loose fenders and braces; fastened 1 chock and cleat; bored scupper holes and shimmed up deck. February 28th.

Pier 56.—Put on 2 half-round fenders; patched deck and refastened old fenders. May 30th.

Pier 57.—Drove 3 oak spring piles; pulled 1 pile under cap, and put on 1 square fender. May 17th.

Pier at Third Street.—Put on 14 half-round white oak fenders; battened 1 mooring pile, and laid 879 square feet of 5-inch yellow pine deck. May 23d.

Pier at Third Street.—Patched 323 square feet of deck. October 7th.

Pier at Third Street.—Patched 362 square feet of deck. November 12th.

Pier at Third Street.—Cut away pier and built gangway, and drove and fastened with chains 5 oak spring piles. April 30th.

Pier at Fifth Street.—Patched 51 square feet of deck with 3-inch yellow pine plank. May 24th.

Pier at Fifth Street.—Drove, chocked and fastened 8 oak spring piles; put in 1 mooring post, and fastened on 4 cleats. July 28th.

Pier at Fifth Street.—Laid 8,558 square feet of 3-inch yellow pine sheathing; relaid 1,480 square feet of old sheathing; patched 161 square feet of deck; drove 7 bearing and 9 fender piles; reset 7 mooring posts; put on 8 square fenders and 1 ranger, and laid 202 lineal feet of backing log. August 1st.

Public Bath at Fifth Street.—Fastened 4 float-stages to bath. June 19th.

Public Bath at Fifth Street.—Removed and repaired floats and stored them under Pier New 43, North River. October 23d.

Bulkhead at Sixteenth Street.—Drove 14 oak and 2 spruce fender piles and put on 27 chocks. May 14th.

Bulkhead at Seventeenth Street.—Drove, chocked and fastened 6 oak fender piles. June 6th.

Bulkhead at Seventeenth Street.—Drove 22 fender piles; put in 3 mooring posts, and laid 26 feet of backing log. September 10th.

Bulkhead at Seventeenth Street.—Rebuilt about 100 feet of bulkhead. December 6th.

Bulkhead at Seventeenth Street.—Pulled 17 broken piles and drove 19 new fender piles; set 2 mooring posts; put on 28 chocks, and filled excavation in rear of bulkhead. April 6th.

Bulkhead between Seventeenth and Eighteenth Streets.—Raised sunken canal boat; towed it to Harlem River, between One Hundred and Sixth and One Hundred and Seventh Streets. September 1st.

Bulkhead at Twentieth Street. Laid 131 lineal feet of 12 by 12-inch timber in bulkhead; put down 50 feet of backing log; drove 8 spruce fender piles, and put in 11 chocks. May 7th.

Dump at Twenty-second Street.—Drove 3 bearing and 6 spruce fender piles, and laid 40 feet of backing log. May 16th.

Dump at Twenty-second Street.—Raised sunken wreck and towed it to Harlem River at One Hundred and Sixth Street. July 19th.

Pier at Twenty-third Street.—Drove 3 bearing, 9 fender, 1 spring, and 2 mooring piles; put on 22 half-round fenders and 20 square fenders; patched 1,185 square feet of deck; laid 8,031 square feet of new 3-inch yellow pine sheathing, and relaid 1,603 square feet of old sheathing. May 9th.

Pier at Twenty-third Street.—Straightened and braced lamp post. June 20th.

Pier at Twenty-third Street.—Drove 5 fender piles; put in 1 mooring post; laid 28 feet of rangers, 32 feet of backing log; put in braces and patched deck and sheathing. August 2d.

Pier at Twenty-third Street.—Patched 74 square feet of deck, and 14 square feet of sheathing with old plank; set, chocked and battened 3 mooring posts; put on 1 cleat and 1 half-round white oak fender. October 18th.

Pier at Twenty-third Street.—Pulled up spring piles; removed outer end of pier, and drove 9 bearing piles. April 30th.

Pier at Twenty-fifth Street.—Drove 7 fender piles; put on 11 half-round fenders; patched close fenders; laid 3,806 square feet of new 3-inch yellow pine sheathing; patched deck and sheathing; replaced 2 corner bands and laid 139 feet of backing log. August 5th.

Pier at Twenty-sixth Street.—Drove, chocked and fastened 4 spring piles; patched 12 square feet of deck and 155 square feet of sheathing with old plank; laid 532 square feet of old 4-inch spruce sheathing, and 40 feet of backing log. July 16th.

Bulkhead at Bellevue Hospital.—Sheathed 7,204 square feet of platform with 3-inch spruce plank; put on 10 square fenders, 20 feet of caps; repaired bulkhead and raised backing log. September 4th.

Pier at Twenty-eighth Street.—Patched 1,163 square feet of deck and 1,706 square feet of sheathing with old plank; laid 3,021 square feet of new 3-inch yellow pine sheathing and 50 lineal feet of backing log; put on 17 square fenders and set 4 mooring posts. May 5th.

Pier at Twenty-eighth Street.—Laid 627 square feet of 3-inch yellow pine sheathing; patched 108 square feet of deck and 28 square feet of sheathing with old plank, and laid 17 feet of backing log. August 7th.

Bulkhead at Thirtieth Street.—Filled hole in rear of bulkhead with stone and ashes. November 17th.

Pier at Thirty-third Street.—Secured and re-fastened 3 spring piles. June 24th.

Pier at Thirty-third Street.—Drove, chocked, and fastened 5 oak spring piles, pulled and re-drove 1 spring pile. September 27th.

Bulkhead at Thirty-sixth Street.—Laid 105 feet 12-inches by 12-inches timber in bulkhead; put in 5 braces; drove and fastened 7 fender piles, and set 1 mooring post. April 29th.

Public Bath at Thirth seventh Street.—Fastened 4 float stages to bath. June 18th.

Public Bath at Thirty-seventh Street.—Removed floats and stored them under Pier 43, North River. October 23d.

Dump at Forty-fifth Street.—Laid 26 feet of backing log and trimmed ends of caps. May 8th.

Pier at Forty-sixth Street.—Built up bulkhead; drove 16 bearing piles; put on 3 caps and 5 rangers; laid 453 square feet of deck; relaid 600 square feet of old sheathing, and built railing. September 15th.

Slips between Fifty-ninth and Sixty-first Streets.—Drove and pulled 9 test piles. December 1st.

Sixty-second Street.—Drove and pulled 3 test piles. November 3d.

Pier at Sixty-second Street.—Built a new pier,  $37\frac{1}{2} \times 60$  feet. December 27th.

Pier at Sixty-second Street.—Built runway for use of Fire Department. January 29th.

#### HARLEM RIVER.

Pier at One Hundred and Sixth Street.—Drove 50 bearing and 6 fender piles; laid 529 feet of rangers, 132 feet of cross-caps, 221 feet of backing log; put in 3 mooring posts and 9 square fenders; laid 3,451 square feet of new 3-inch yellow pine sheathing; relaid 3,470 square feet of old sheathing, and put on 2 corner bands. July 7th.

Pier at One Hundred and Ninth Street.—Laid 700 feet of rangers, 60 feet of cross-ties, 80 feet of backing log. 700 square feet of 3-inch yellow pine sheathing; patched 140 square feet of deck; drove, chocked and fastened 2 oak spring piles; put in 3 braces, and rebuilt runway. June 3d.

Pier at One Hundred and Ninth Street.—Put 2 large ring bolts in runway for use of Fire Department. January 29th.

Pier at One Hundred and Ninth Street.—Made connection between street and pier by filling in with earth and stone. March 2d.

Public Bath at One Hundred and Fourteenth Street.—Fastened 4 floats to bath with chains. June 26th.

Public Bath at One Hundred and Fourteenth Street.—Removed floats and stored them under Pier New 43, North River. October 23d.

Pier at One Hundred and Seventeenth Street.—Drove 1 fender, 2 mooring and 6 spring piles; put on 2 half-round fenders and 1 mooring cleat; patched 2,665 square feet of deck; laid 3,418 square feet of new 3-inch yellow pine sheathing and 26 feet of backing log. May 1st.

Pier at One Hundred and Seventeenth Street.—Drove 3 fender piles and built runway for use of Fire Department. January 29th.

Pier at One Hundred and Twenty-fifth Street.—Shored up and chocked rangers, and patched 1,272 square feet of deck. November 25th.

#### BLACKWELL'S ISLAND.

Storehouse Dock.—Rebuilt bulkhead; drove 8 bearing and 4 spring piles; patched 892 square feet of deck with new 3-inch yellow pine plank, and put in 1 mooring post. July 23d.

Charity Hospital Dock.—Drove, chocked, and fastened 9 spring piles and laid 40 feet of backing log. July 24th.

Charity Hospital Dock.—Drove 16 bearing, 3 fender, and 8 new spring piles; pulled and re-drove 11 old spring piles; put in 1 mooring post; rebuilt runway; laid 332 lineal feet of rangers, 101 lineal feet of caps, 106 lineal feet of backing log, and 2,462 square feet of new 3-inch yellow pine deck. March 20th.

#### WARD'S ISLAND.

Pier.—Drove 5 oak spring piles and reset coal derrick. June 4 to 6th.

#### RANDALL'S ISLAND.

Pier.—Laid 1,988 square feet of sheathing with new 3-inch yellow pine plank; raised 188 lineal feet of backing log, and put on 2 oak cleats. December 1 to 5th.



## HART'S ISLAND.

Hospital Dock.—Drove 1 spring and 5 bearing piles; put on cap to support boat house, and laid 1,896 square feet of 3-inch yellow pine sheathing. August 6th.

Branch Work-House Dock.—Drove 6 bearing, 3 fender, and 10 spring piles; laid 50 feet of caps, and 783 square feet of 3-inch yellow pine sheathing. August 9th.

# STATEMENT OF DREDGING.

	DATE AND NUMBER OF CUBIC YARDS DREDGED.	CUBIC YARDS.		BY WHOM PERFORMED.
		Mud.	Crib.	
<i>North River.</i>				
Pier at 35th St. ....	{ Sep. ... 3,556 mud Oct. ... 6,510 "			
Slip north of 23d St. Ferry. ....	Aug. ... 5,726 "	10,066		C. H. Loomis.
Slip north of 23d St. Ferry. ....	{ Dec. ... 10,816 " Jan. ...	4,062		Union Dredging Company.
Pier at 21st St. (dump). ....	Nov. ...	16,542		C. H. Loomis.
Pier at Gansevoort St. ....	May ...	1,976		Union Dredging Company.
Pier at 12th St. (dump). ....	Nov. ...	1,192		Union Dredging Company.
Pier at 11th St. and bulkhead. ....	{ Aug. ... 2,371 " Sep. ... 4,938 "	794		Union Dredging Company.
Pier New 46. ....	{ June ... 11,523 " July ... 495 "	7,309		C. H. Loomis.
Carried forward. ....		12,018		C. H. Loomis.
		53,959		

## STATEMENT OF DREDGING.—(Continued.)

	DATE AND NUMBER OF CUBIC YARDS DREDGED.	CUBIC YARDS.		BY WHOM PERFORMED.
		Mud.	Crib.	
Brought forward.....	.....	53,959	.....	Union Dredging Company.
Pier New 42 (south side).....	.....	4,577	.....	
Charlton St. Section, bulkhead wall..	<div>Apl... 10,961 mud</div> <div>Nov... 7,406 "</div> <div>Dec... 590 "</div>	.....	.....	
	<div>Nov... 584 "</div> <div>Dec... 7,314 "</div> <div>Jan... 1,734 "</div> <div>Feb... { 5,918 "</div> <div>          { 1,281 crib</div>	18,957	.....	Union Dredging Company.
Pier New 36.....	.....	.....	.....	
Pier at Laight St. (dump).....	<div>July... 10,623 mud</div> <div>Aug... 14,451 "</div> <div>Sep... 986 "</div> <div>Oct... { 1,288 crib</div> <div>          { 7,728 mud</div> <div>Feb... { 1,603 "</div> <div>          { 2,536 crib</div>	15,550	1,281	Union Dredging Company. Union Dredging Company.
Pier New 26.....	.....	1,767	.....	
	.....	35,391	3,824	Union Dredging Company.

Beach St. Section, bulkhead wall,....	Feb....	4,207 mud			
	Mar....	12,048 "			
	Apl....	{ 2,384 "			
		{ 1,450 crib	18,634	1,450	Union Dredging Company.
Pier New 21.....			8,712		Union Dredging Company.
Chambers St. Section, bulkhead wall. {	Apl....	15,603 mud			
	May....	{ 5,511 "			
	June..	{ 1,005 crib	21,114	1,005	Union Dredging Company.
Slip north of Pier New 20.....	May....	2,270 mud			
	Jan....	15,768 "			
	Feb....	8,084 "			
	Mar....	4,039 "	30,161		Union Dredging Company.
Pier New 20.....	May....	7,258 "			
	June..	{ 8,889 "			
	July..	{ 3,211 crib			
		6,310 mud	22,457	3,211	Union Dredging Company.
Total, North River.....			226,279	10,771	
<i>East River.</i>					
Pier 12 (south side).....	Aug....		12,568		C. H. Loomis.
Bulkhead between Piers 20 and 21....	July....		1,828		Union Dredging Company.
Pier 21 (west side).....	July..		790		Union Dredging Company.
Carried forward.....			15,186		

## STATEMENT OF DREDGING.—(Continued.)

	DATE AND NUMBER OF CUBIC YARDS DREDGED.	CUBIC YARDS.		BY WHOM PERFORMED.
		Mud.	Crib.	
Brought forward.....	July...	15,186		
Slip between Piers 22 and 23.....	May... 198 mud	6,324		C. H. Loomis.
Pier 37 (dump).....	June... 592 "			
	Dec... 401 "			
	Aug... 197 "	1,191		Union Dredging Company.
Bulkhead between Piers 51 and 52.. {	Dec... 1,185 "			
	June... 1,382			Union Dredging Company.
Pier 55 (south side).....	June... 197			Union Dredging Company.
Pier 61 (dump).....	June... 1,927			Union Dredging Company.
Pier at 3d St.....	May... 785			Union Dredging Company.
Pier at 5th St.....	Oct... 794 "			
	Nov... 3,462 "			
	May... 4,256			C. H. Loomis.
Pier at 5th St. (dump).....	Dec... 1,584			Union Dredging Company.
Pier at 17th St. (dump).....	July... 793			Union Dredging Company.
Bulkhead at 20th St.....	Aug... 1,187			Union Dredging Company.

Pier at 22d St. (dump).....	June.....	396	.....	Union Dredging Company.
Pier at 23d St.....	Aug....	695	.....	Union Dredging Company.
Pier at 25th St.....	July... 3,360 "			
	Aug... 272 "			
Pier at 28th St .....	June.. 2,366 "	3,632	.....	C. H. Loomis.
	July... 997 "			
Pier at 46th St. (dump).....	July... ..	3,363	.....	C. H. Loomis.
		398	.....	Union Dredging Company.
Total, East River.....		43,291		
<i>Harlem River.</i>				
Pier at 106th St. (south side) .....	Aug....	588	.....	Union Dredging Company.
Pier at 117th St.....	{ Mar... 199 mud			
	{ Apl... 1,774 "	1,973	.....	Union Dredging Company.
Total, Harlem River.....		2,561		
Total dredging for the year.		272,131	10,771	

## GANSEVOORT STREET YARD.

*To amount of stock on hand, purchased and issued from Gansevoort  
Street Yard from May 1, 1879, to April 30, 1880.*

Stock on hand May 1, 1879.....	\$11,274 07
Purchased from May 1, 1879, to April 30, 1880.....	15,587 42
Fabricated from May 1, 1879, to April 30, 1880 (47 blocks)	14,385 22
	<hr/>
Total to be accounted for.....	\$41,246 71

Issued to the following Sections:

Floating Property.....	\$810 51
Christopher Street Section.....	719 71
Charlton Street Section.....	7,255 39
Clarkson Street Section.....	252 56
Leroy Street Section.....	64 05
Laight Street Section.....	10 28
Canal Street Section.....	10 97
King Street Section.....	1 80
Morton Street Section.....	75
Houston Street Section.....	5 25
Spring Street Section.....	41 46
Chambers Street Section.....	8,598 91
Beach Street Section.....	154 33
General Repairs.....	690 97
Pier New 1, N. R.....	4 50
East 17th Street Yard.....	30 49
Department Offices.....	11 49
Gansevoort Street Yard.....	10,409 52
	<hr/>
	29,071 94

Balance on hand May 1st, 1880.....\$12,174 77

# EAST SEVENTENTH STREET YARD.

STATEMENT OF GRANITE (ROUGH AND CUT) ON HAND AT THIS YARD ON APRIL 30TH, 1880.

KIND.	On hand May 1st, 1879. Cubic feet.	Received during year.	Transfer- red during year.	On hand May 1st, 1880. Cubic feet.	RATE.	AMOUNT.
Headers and Stretchers, old lot (cut).....	234.10	.....	.....	234.10	\$0 30	\$70 23
Headers and Stretchers, old lot (rough).....	93.40	.....	.....	93.40	39	38 43
Headers and Stretchers, new lot (Tillson).....	587.45	.....	234.36	353.09	02	218 92
Headers and Stretchers, new lot (Tillson).....	13.46	.....	13.46	.....	40	.....
Headers and Stretchers, new lot (Hogan).....	1,902.01	.....	1,498.10	403.91	63	254 46
Headers and Stretchers, new lot (Hogan).....	227.07	.....	227.07	.....	45	.....
Headers and Stretchers, new lot (Hogan).....	1,090.19	.....	788.77	301.42	50	150 71
Headers and Stretchers, new lot (Hall).....	.....	4,580.50	2,539.10	2,041.40	64	1,306 49
Voussoirs.....	845.87	.....	.....	.....	30	253 76
Spandrel and End Stones.....	469.90	.....	12.15	457.75	30	137 32
Corner, End and Key Stones.....	542.00	.....	100.00	442.00	30	132 60
Headers and Stretchers (fine cut).....	551.45	.....	401.50	149.95	30	44 99
Rough.....	586.13	.....	272.70	313.43	30	94 03
Coping, new lot (Hall).....	.....	5,064.00	1,066.40	3,997.60	69	2,758 34
						<b>\$5,458 28</b>



**LIST OF WORK DONE BY PRIVATE PARTIES UNDER SUPER-  
VISION OF THE ENGINEER-IN-CHIEF, BY ORDER OF OR  
UNDER PERMIT FROM THE BOARD OF DOCKS.**

**NORTH RIVER.**

Bulkhead at Sixty-sixth Street.—Building a rip-rap retaining embankment along centre line of Sixty-sixth Street, and filling in rear of same, by the New York Central & Hudson River Railroad Company. Work in progress.

Pier at Forty-sixth Street.—Erection of platform scales, weighing office and ice bridge, by the Mutual Benefit Ice Company. May 16th and 17th.

Bulkhead between Forty-fourth and Forty-sixth Streets.—Building rip-rap retaining embankment along south side of pier at Forty-sixth Street, and filling in behind new bulkhead, by the Municipal Gas Company. Work in progress.

Pier at Fortieth Street.—Erection of an ice bridge, by Empire City Ice Company. May 3d to 16th.

Pier at Thirty-ninth Street.—Erection of ice platform, by Peter McDonnell. Finished July 18th.

Pier at Thirty-fifth Street.—Driving three fender piles south side of pier, by People's Line Albany Steamers. December 5th.

Pier at Twenty-fifth Street.—Repairs to the deck, by C. T. Van Santvoord. October 20th to 25th.

Pier at Twenty-second Street.—Erection of a shed on outer end, 38 x 60 feet, by A. Van Santvoord. May 26th to June 7th.

Pier at Twentieth Street.—Extension of pier, 87 feet in length, by the Knickerbocker Ice Company. December 15th to February 28th.

Pier at Fifteenth Street.—Erection of an ice bridge on pier, by Mutual Benefit Ice Company. April 8th.

Pier at Fifteenth Street.—Erection of engine house and shafting on pier, by Mutual Benefit Ice Company. April 8th.

Bulkhead between Fourteenth and Fifteenth Streets.—Insertion of two mooring posts, by Glasco Ice Company. June 21st to 24th.

Pier at Bloomfield Street.—Repairs to the deck, by Felix Dougherty. November 8th.

Department Yard foot of Gansevoort Street.—Moving of iron tanks across the concrete platform, by William Collins. July 1st to August 20th.

Pier New 47.—Laying water pipes on pier, by A. E. Outerbridge & Co. August 25th to 29th.

Pier New 47.—Erection of a shed on pier, by the Quebec & Gulf Ports Steamship Company. August 19th to September 13th.

Pier New 43.—Alteration to office, by Old Dominion Steamship Company. July 18th to 24th.

Laying rail tracks west of West Street, between Morton and Leroy streets, by the Albany Brewing Company. December 16th, 1878, to October 27th.

Pier New 40.—Erection of a shed, by the Cunard Steamship Company, (Limited.) February 4th, 1879, to July 19th.

Pier Old 42.—Erection of hoisting engine on pier, by E. W. Youmans. October 9th to 18th.

Pier New 26.—Erection of a shed, by the Old Dominion Steamship Company. Commenced January 12th. Work in progress.

Between Piers New 21 and New 20.—Moving of two buildings nearer to bulkhead, by the New York, Lake Erie & Western Railroad Company. January 22d to April 6th.

Pier New 20.—Erection of a shed, by the New York, Lake Erie & Western Railroad Company. January 15th to April 20th.

Pier 28.—Erection of platform and building north of pier, by the Old Colony Steamboat Company. July 18th to August 20th.

Pier 22.—Repairs to approach to north side of pier, by the owners. September 12th and 13th.

Pier 16.—Construction of platforms and sheds, by the Pennsylvania Railroad Company. June 16th to January 31st.

Bulkhead between Liberty and Cortlandt Streets.—Repairing same, by the Pennsylvania Railroad Company. June 16th to December 6th.

Pier 14.—Widening the pier 8 feet on the southerly side, by the Central Railroad Company of New Jersey. October 31st to January 28th.

Pier 14.—Extension of the pier 102 feet in length, by the Central Railroad Company of New Jersey. October 28th to February 25th.

Piers 12, 13 and 14.—Building of platforms between piers and removing portions of Pier 13, by the Central Railroad Company of New Jersey. August 6th to October 28th.

Pier 9.—Extension of pier 100 feet in length, by Wm. Cruikshank. October 29th to November 22d.

Piers 8 and 9.—Building a platform between piers, by Clark & Seaman. November 6th to December 19th.

Piers 8 and 9 and platform between.—Erection of shed on platform, and extension of shed on Pier 9, by Clark & Seaman. November 19th to December 31st.

Bulkhead at Pier 7.—Insertion of drain pipe in bulkhead, by E. W. Jacobs. August 26th to 28th.

Pier 3.—Repairing all but 200 feet of pier, by E. W. Cruikshank. July 21st to September 24th.

Pier 3.—Extension of shed 100 feet on pier, by F. Alexandre & Sons. September 16th to October 9th.

Pier New 1 —Erection of a shed 80 x 30 feet, by the Old Dominion Steamship Company. October 7th to 17th.

Removal of same by same company. April 22d to 26th.

Boat Landing, Battery.—Erection of telegraph poles in rear of Boat Landing by Fire Department. July 29th.

#### EAST RIVER.

Bulkhead west of Pier 1.—Repairs to bulkhead, by Staten Island Ferry Company. September 17th to October 28th.

Pier 1.—Erection of a two-story shed, by J. H. Starin. May 12th to July 8th.

Pier 2.—Rebuilding outer end of pier, by the Union Ferry Company. June 9th to 30th.

Pier 4.—Rebuilding 40 feet of outer end, by James Cruikshank. November 25th to December 29th.

Pier 6.—Repairs to easterly side of pier, by J. H. Starin. September 27th to 29th.

Bulkhead between Piers 11 and 12.—Insertion of a drain pipe, by Hendricks Brothers. January 28th to 30th.

Bulkhead opposite 42 South Street.—Insertion of drain pipe in bulkhead, by William Hill. August 13th to 22d.

Pier 13.—Driving 7 fender piles on westerly side, by S. A. Jenks & Co. January 3d to 6th.

Bulkhead between Piers 14 and 15.—Insertion of 2 drain pipes in bulkhead, by John L. Fagan. June 30th to July 12th.

Pier 16.—Rebuilding of 310 feet of inner part of pier, by S. A. Jenks & Co. March 15th to May 15th.

Pier 16.—Erection of a shed on the pier, by James E. Ward & Co. May 13th to June 28th.

Pier 18.—Sheathing westerly half of pier, by owners. October 28th to 31st.

Piers 18 and 19.—Driving 7 fender piles between piers, by S. A. Jenks & Co. October 8th and 9th.

Pier 20.—Driving 16 fender piles westerly side of pier, by S. A. Jenks & Co. September 1st and 2d.

Pier 22.—Extension of boiler house easterly side of pier, by the Fulton Market Fish Mongers' Association. October 7th to 18th.

Pier 33.—Driving 13 fender piles and putting on 11 fenders, by Warren Roosevelt. October 28th to November 1st.

Pier 38.—Repairing the pier, by the Maine Steamship Company. June 6th to 26th.

Bulkhead between Piers 40 and 41.—Insertion of an 8-inch drain, by George V. Hecker & Co. June 18th to 27th.

Bulkhead between Piers 41 and 42.—Repairs to bulkhead, by the New York Floating Dry Dock Company. July 1st to 31st.

Pier 44.—Repairs to drain pipe under pier, by G. V. Hecker & Co. August 23d to 29th.

Bulkhead between Piers 44 and 45.—Repairing same, by Josiah Macy's Sons. February 24th to April 3d.

Pier 45.—Driving 10 piles through the pier, by Warren Rosevelt. February 13th and 14th.

Bulkhead between Piers 45 and 46.—Rebuilding from low water up for 100 feet, by Josiah Macy's Sons. October 6th to November 1st.

Pier 47.—Driving 15 fender piles on lower side, by Stephen A. Jenks & Co. June 24th and 25th.

Pier 49.—Repairs to pier, by Warren Rosevelt. August 22d to September 15th.

Pier 49.—Erection of shed, by W. M. Bassett. January 7th to February 5th.

Bulkhead at foot of Montgomery Street and between Piers 50 and 51.—Rebuilding from low water up for 330 feet, by William Vosburgh. October 2d to November 27th.

Bulkhead between Jackson and Corlears Streets.—Rebuilding of 100 feet of bulkhead, by Stephen A. Jenks & Co. September 5th to October 17th.

Bulkhead at foot of Corlears Street.—Repairs to bulkhead, by occupants. August 20th to September 27th.

East Street.—Driving 20 fender piles at foot of street, by Lawrence & Co. August 12th to 29th.

Pier 58.—Sheathing 124 feet of inner end of pier, by Carl Smith & Son. May 19th and 20th.

Pier at Houston Street.—Completion of the following structures, built by the Nassau Ferry Company: a bulkhead 100 feet long and 30 feet wide; two piers, each 225 feet in length, one 40 feet and the

other from 24 to 53 feet in width; two ferry racks and bridges, and a ferry pier. Finished March 20th.

Placing of a new iron sewer under the new pier and extension of the old sewer through the new bulkhead by the Department of Public Works. September 8th to March 12th.

Pier at Seventh Street.—Building a platform on piles, about 25 x 35 feet; a ferry bridge with racks; and two ferry buildings, one 18 x 40 feet, and the other 10 x 22 feet, by the East River Ferry Company. Finished September 20th.

Bulkhead between Fifteenth and Sixteenth Streets.—Repairing same, by Manhattan Gas Light Company. February 17th to April 17th.

Department Yard at Seventeenth Street.—Placing two hydrants on the bulkhead, by the Department of Public Works. November 10th to 15th.

Cutting away a portion of the string piece by the Board of Health in order to make a gangway to the Small-Pox Hospital. January 15th to 16th.

Bulkhead between Twenty-third and Twenty-fourth Streets.—Erection of two grain hoppers, by Clark & Allen. April 10th to May 3d.

Pier at Twenty-eighth Street.—Erection of an ice bridge and platform scales, by Leonard & Stephenson. May 7th to 13th.

#### HARLEM RIVER.

Pier at One Hundred and Seventeenth Street.—Erection of an ice bridge on pier, by J. P. Minster. April 22d to May 9th.

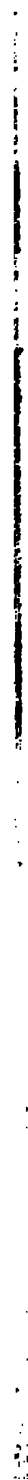
Platform at One Hundred and Thirtieth Street.—Driving of 10 piles, by Mrs. Hull. June 12th.

1

2







# DEPARTMENT OF DOCKS.

At a meeting of the Board of Docks, held May 5, 1879.

Present—Commissioners Dimock and Vanderpoel, and the Comptroller of the City.

On motion, Commissioner Dimock took the chair.

Seven proposals were received for furnishing small cobble, rip-rap, and broken stone and sand ; ing five bids for Class 1, consisting of small cobble and rip-rap stone ; six bids for Class 2, con- taining broken stone ; and three bids for Class 3, consisting of sand, as follows, to wit :

## FOR CLASS I.—(Five Bids.)

	Small Cobble.	Rip-rap.
1. Thos. E. S. Dwyer and Martin J. Lydon.	80 cents per cubic yard.	50 cents per cubic yard.
2. John A. Bouker.	80 “ “	65 “ “
5. James O'Neil.	88 “ “	55 “ “
6. Montgomery A. Kellogg	83 “ “	60 “ “
7. John M. C. Scully	78 “ “	49 “ “

## FOR CLASS II.—(Six Bids.)

	Broken Stone.
1. Thos. E. S. Dwyer and Martin J. Lydon, at.	\$1 44 per cubic yard.
2. John A. Bouker, at.	1 65 “
3. James H. Perkins, at.	1 68 “
4. John F. Shanley, at.	1 68 “
5. James O'Neil, at.	1 74 “
7. John M. C. Scully, at.	1 73 “

## FOR CLASS III.—(Three Bids.)

	Sand.
2. John A. Bouker, at.	65 cents per cubic yard.
3. James H. Perkins, at.	65 “ “
6. Montgomery A. Kellogg, at.	92 “ “

Five proposals were received for furnishing granite stones for bulkhead or river wall, as follows, wit :

BIDDERS.	STRETCHER AND HEADER STONES PER CUBIC FOOT FOR 4,462 CUBIC FEET.	COPING STONES PER CUBIC FOOT FOR 5,033 CUBIC FEET.
1. Cyrus J. Hall.	64 cents.	69 cents.
2. Davis Tillson.	74 “	99 “
3. Cape Ann Granite Co.	62½ “	78½ “
4. Pierce, Rowe & Co.	70 “	73 “
5. James Symington.	69 “	99 “

And, being read, were,

On motion, laid on the table for examination.

On motion, the Board adjourned.

WM. M. WHITNEY, Secretary pro tem.

At a meeting of the Board of Docks, held May 7, 1879.

Present—Commissioners Dinwiddie and Vanderpoel.

On motion, Commissioner Dinwiddie took the chair.

The minutes of the meetings held April 17th, 23d, and 30th, were read and approved.

A communication was received from John Kelly, Comptroller, advising that Cyrus J. Hall, Thomas E. S. Dwyer and Martin J. Lydon, John A. Bouker, and John M. C. Scully are not in default or arrears to the corporation; and, being read,

On motion, the proposals received and opened on May 5, for furnishing this Department with small cobble, rip-rap and broken stone and sand, and for furnishing granite stones for bulkhead or river wall, were taken from the table and placed on file, and the following resolutions adopted:

Resolved, That the contract for furnishing granite stones for bulkhead or river wall, be and is hereby awarded to Cyrus J. Hall, of Mount Desert, Maine, his bid for doing said work being the lowest under proposals publicly opened May 5, 1879.

Resolved, That the contract for furnishing broken stone be and is hereby awarded to Thomas E. S. Dwyer and Martin J. Lydon, of 228 East One Hundred and Sixth street, their bid for doing said work being the lowest under proposals publicly opened May 5, 1879.

Resolved, That the contract for furnishing sand be and is hereby awarded to John A. Bouker, of 60 South street, his bid for doing said work being the lowest under proposals publicly opened May 5, 1879.

Resolved, That the contract for furnishing small cobble and rip-rap stone be and is hereby awarded to John M. C. Scully, of 250 East Fifty-seventh street, his bid for doing said work being the lowest under proposals publicly opened May 5, 1879.

The following communications were received, read, and

On motion, laid on the table to await action, as stated, to wit:

From Police Department—To have dredging done at Market, Stanton, and Twenty-second streets, East river. Engineer-in-Chief directed to examine and report as to the amount of dredging required at said premises to accommodate the boats of the Street Cleaning Department.

From George S. Wilkes, attorney—In reference to damage done to canal boat "C. B. Benson" while lying at Pier 60, East river. The Secretary directed to notify Joseph V. Brown, lessee of said pier, of the alleged facts concerning said damages, and to request him to call on the Commissioners at the next meeting of the Board.

From New Haven Steamboat Co.—Requesting that the repairs necessary to be made to Pier 25, East river, by this Department be proceeded with at the earliest date practicable.

From John Doshel—To erect platform at Seventy-seventh street, North river, for the letting of small boats.

From Knickerbocker Ice Co.—To place engine-house on bulkhead at the foot of Avenue A and Ninety-third street and on bulkhead between One Hundred and Twenty-seventh and One Hundred and Twenty-eighth street, East river. Robert Maclay, President of said company, requested to be present at the next meeting of the Board in reference to his application.

From John McGroarty, Harbor Master—As to the encumbrances on bulkheads between Piers 2 and 4, East river. Superintendent McConkey to report as to the encumbrances complained of, and under what authority, if any, they have been placed upon said premises.

From W. D. Morgan, lessee.—To have dredging done at the easterly side of Pier 18, East river. Engineer-in-Chief directed to examine and report the amount of dredging necessary to accommodate the vessels using said premises.

From Counsel to the Corporation—Opinion as to the mode of procedure to be observed by the Commissioners in reference to the charges preferred by Felix Armstrong against the Engineer-in-Chief of this Department. The Secretary directed to address a communication to Felix Armstrong, requesting that in accordance with the suggestions contained in said opinion he submit in writing any further statement he may have to make in support of such charges, and to inform the Commissioners, at his earliest convenience, at what time they may expect to receive such statement, in case he desires to submit it, and in case he does not desire to submit any such statement, to inform them of that fact.

From S. L. Hitchman—In reference to damage done to platform between Piers 17 and 18, East river. Superintendent McConkey to examine and report the facts of the case.

From John W. Theisy.—To have dredging done at pier at One Hundred and Seventeenth street, East river. James P. Minster, lessee of said premises, requested to be present at the next meeting of the Board.

From John D. Tracy—For permission to erect a dumping board on the bulkhead north of Tank street, North river. Secretary directed to request Joseph L. Prosus, Harbor Master, to call on the Commissioners on the 12th inst., at 1 o'clock P. M.

From East River Ferry Company.—To erect ferry racks, etc., between piers at Seventh and Eighth streets, East river. The Secretary directed to address a communication to the Counsel to the Corporation, stating that said ferry company have purchased the franchise from the corporation to run a ferry from that point to Long Island City, and that the proposed improvement provides for the occupation of the easterly side of pier at Seventh street, East river, and also of a portion of the street itself, which would have to be removed in order to form the lower side of the ferry slip, and requesting his opinion as to whether this Department is authorized to permit said ferry company, for the purpose of making a ferry slip, to occupy any portion of the land or wharf structure within the lines of Seventh street, and also whether the title of the land under water, lying outside of the existing bulkhead, between Seventh and Eighth streets, is vested in the corporation.

From Harlem and New York Navigation Co.—For use of end of Pier 55, East river, as a steamboat landing.

From Counsel to the Corporation—Opinion as to the right of the Commissioners to permit steamboats to make landings at ends of piers belonging to the city, and to charge such wharfage thereon, not exceeding the maximum fixed by the statute, as they may think fair and reasonable, etc.

The Secretary directed to notify the owners of steamboats desirous of making landings at the ends of piers belonging to the corporation to call on the Commissioners.

The following communications were received, read, and

On motion, placed on file, action being taken where necessary as stated, to wit:

From John G. Dale, agent.—In reference to the repairs having been completed to the shed on Pier, new 37, North river, occupied by him.

From D. D. Mangam—Asking that he be permitted to retain the grain elevator now on the bulkhead between Piers 59 and 60, East river. Applicant informed that while this Department has no objection to his retaining, during the pleasure of this Board, the grain elevator now on bulkhead between Piers 59 and 60, East river, the Commissioners are of the opinion that they have no jurisdiction to permit such structures to be erected on the bulkheads of the city.

## From Engineer-in-Chief

1. Report as to the suspension of Patrick Reilly, Night Watchman : action approved.
2. Report as to work performed during week ending May 3, 1879.

The Auditing Committee presented an audit of 17 bills or claims, amounting in the aggregate to the sum of \$7,342.51, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills together with proper requisitions for the amount to the Finance Department for payment.

On motion, the Engineer-in-Chief was directed to repair the approach to Pier, new 1, North river, at a cost of about \$30.

A report was received from the Engineer-in-Chief, stating that the repairs ordered to be made to the outer end of Pier at Twenty-sixth street, North river, had been completed at a cost of \$373.45, and, being read,

On motion, it was

Resolved, That the Treasurer be and is hereby directed and authorized to prepare a statement of claim in the sum of \$373.45, and present the same to C. T. Van Santvoord, agent, being for repairs made March 24 to April 2, 1879, to the outer end of Pier at Twenty-sixth street, North river.

A report was received from the Engineer-in-Chief, stating that the repairs ordered to be made to the outer end of Pier, old 33, North river, at a cost of \$966.35, had been completed, and, being read,

On motion, it was

Resolved, That the Treasurer be and is hereby directed and authorized to prepare a statement of claim in the sum of \$483.18, and present the same to the Providence and Stonington Steamship Company, being for one-half costs of repairs made April 2 to April 17, 1879, to the outer end of Pier 33, North river.

A communication was received from the Engineer-in-Chief, as to repairs necessary to be made to certain piers and bulkheads on the North and East rivers, and dredging required in the slips adjacent to said piers ; and, being read,

On motion, it was

Resolved, That the Engineer-in-Chief be and is hereby directed to repair, in accordance with his recommendation, the following piers and bulkheads :

## ON NORTH RIVER.

Pier at Twenty-eighth street, at a cost of about.....	\$500
Pier at Gansevoort street, at a cost of about.....	75
Bulkhead at Nineteenth street, at a cost of about.....	150

## ON EAST RIVER.

Pier 53, easterly half, at a cost of about.....	\$70
Bulkhead at Corlears street, at a cost of about.....	75
Pier at Third street, at a cost of about.....	300
Bulkhead at Sixteenth street, at a cost of about.....	100

er and dump at Twenty-second street, at a cost of about.....\$150  
 er at Twenty-fifth street, at a cost of about..... 600  
 er 55, southerly half, at a cost of about..... 300

On motion, the Engineer-in-Chief was directed to make requisition for necessary dredge, scows, and labor to excavate and remove from slips adjacent to the following piers and bulkheads :

#### ON NORTH RIVER.

Pier at Gansevoort street, about 1,400 cubic yards of mud.

#### ON EAST RIVER.

Pier at Third street, about 700 cubic yards of mud.

Pier 65, southerly side, about 400 cubic yards of mud.

A communication was received from Isaac Fowler, in reference to repairs needed to pier at thirty-eighth street, and occupancy of Pier 61, East river ; and, being read, was

On motion, laid on the table, and the Secretary directed to address a communication to the Board of Health requesting it to advise this Department under what authority, and for what period of time said department has occupied a part of the northerly side of Pier 61, East river.

On motion, the Secretary was directed to address a communication to the Comptroller in reply to his communication of April 19, wherein a statement was enclosed from James O'Neil, assignee of John M. C. Scully, contractor, claiming damages on account of the neglect of the Dock Department to take material when tendered by him for delivery under his contract, and to advise the Engineer-in-Chief of this Department, after a careful consideration of the subject, reports that he thinks it would be fair to allow to the contractor a deduction of 49½ days, and that a fair sum to allow would be \$7 for each scow per day, which would amount to \$346.50 instead of \$1,096 as claimed by him, and that under all the circumstances of the case the Commissioners are of the opinion that, if the Comptroller has power to make an allowance of the aforesaid sum of 346.50, it would be a fair allowance to make, and to advise this board in writing what course he will adopt.

A report was received from the Engineer-in-Chief, submitting draft of contract and specifications for dredging at various piers on North and East rivers ; and, being read,

On motion, it was

Resolved, That the form of specifications and contract, as prepared by the Engineer-in-Chief, for dredging—

#### ON NORTH RIVER.

er at West Thirty-fifth street.....	9,000 cubic yards.
er at bulkhead at West Eleventh street.....	7,000 “
er, new 46.....	12,000 “
	<hr/> 28,000 “

#### ON EAST RIVER.

er at East Twenty-eighth street.....	3,300 cubic yards.
er at East Twenty-fifth street.....	4,800 “
er at East Fifth street.....	3,900 “
ier 23, westerly side ; Pier 22, easterly side.....	5,700 “
ier 12, westerly side.....	15,500 “
	<hr/> 33,200 “

be and is hereby approved and adopted, subject to the approval of the Counsel to the Corporation as to form, and that the Secretary be and is hereby directed to have a sufficient number of blank forms of proposals printed and proper advertisements inviting bids for doing said work inserted in the newspapers designated by law.

On motion, - - — Buckley was appointed Watchman, and James Killard, laborer, discharged.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held May 14, 1879.

Present Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held May 5 and 7, 1879, were read and approved.

A communication was received from the Department of Public Works, requesting that berths be assigned for the use of the free floating baths, for the summer season, at Fifth, Gouverneur and Thirty seventh streets, East river, and Bethune and Thirty-fifth streets, North river : and, being read

On motion, it was

Resolved, That, in accordance with the request of the Commissioner of Public Works, the following wharf property belonging to the city, be and is hereby set apart for the use of said Department as berths for free floating baths during the summer season, viz. :

Outer end of easterly side of Pier 51, East river.

Northerly side of pier at Fifth street, East river.

Northerly side of pier at Thirty-seventh street, East river.

Northerly side of pier at Bethune street, North river.

Northerly side of pier at Thirty-fifth street, North river.

The following communications were received, read, and on motion, laid on the table to await action as stated, to wit :

From Mutual Benefit Ice Co.- As to the unsafe condition of Pier 62, East river. Engineer-in-Chief directed to examine and report as to the condition of the premises.

From Superintendent McConkey--Report as to the encumbrances on the bulkheads between Piers 2 and 4, East river. Commissioner Dimock to visit the premises.

From Alfred Wagstaff - As to having a derrick placed on bulkhead between Piers, new 41 : new 42, North river.

From P. F. Keenan -To erect dumping board on bulkhead north of Bank street, North river. Applicant requested to call on the Commissioners on Friday, 16th instant, at 2 o'clock P. M. in reference to his application.

From Engineer-in-Chief—

1. Report as to repairs required to one-half of Pier 25, East river. Superintendent Richard Peck, of New Haven Steamboat Co., requested to call on the Engineer-in-Chief in reference to said repairs.

1. Report as to the dredging necessary to be done at Pier 18, East river. W. D. Morgan, of said premises, requested to call on the Commissioners in reference to his application to dredging done at said premises, at the next meeting of the Board, to be held Wednesday, 21st inst.

From Cobanks & Theall and others—Protesting against the erection of a dumping board north of 10th street, North river. Parties requested to be present on Friday, 16th instant, at 2 o'clock, in reference to their protest.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From Dwyer and Lydon—Accepting to contract for furnishing broken stone, under award made 10th inst.

John A. Bouker—Accepting to contract for furnishing sand, under award made on 7th inst.

From John M. C. Scully—Accepting to contract for furnishing rip-rap and cobble stone, under award made on 7th inst.

From Cyrus J. Hall—Accepting to contract for furnishing granite stones, under award made 7th inst.

m Engineer-in-Chief—

1. Report that the cost of repairing pier at One Hundred and Ninth street, Harlem, in order to make the pier serviceable for disembarkation of fire engines, requested by Department of Public Charities and Correction, will amount to about \$400. Engineer-in-Chief directed to repair in accordance with his report.

2. As to repairs needed to Pier, new 1, North river, including the replacing of fender and rig piles. Engineer-in-Chief directed to repair said pier in accordance with his report, at a cost about \$92.50.

3. As to work performed during week ending May 10, 1879.

From Mutual Benefit Ice Co.—To erect platform scale, weight office, and ice bridge on pier forty-sixth street, North river. Applicants informed that this Department has no objection to placing and retaining under the supervision of the Engineer-in-Chief of this Department, on south side of pier at Forty-sixth street, North river, a platform scale, weight office, and ice bridge to facilitate the landing of ice, the consent of the lessee of said premises and also of the Harbor Master of the District having been given thereto, but the Department reserves the right to remove the same at any time it may so elect.

From Finance Department—Approving of sureties to proposal of John A. Bouker, for furnishing sand, opened on 5th inst.

From M. Cummings—To place a small bath-house on float between Seventy-eighth and Ninety-ninth streets, North river.

From Board of Commissioners of Pilots—In reference to the request made by this Department to have a person detailed to accompany the tug towing scows loaded with dredged material to point the limits of the grounds set apart for dumping. Secretary directed to state in reply that a person would be required to accompany the tug only two or three times, to enable its captain to become fully informed as to the limits of said dumping grounds.

From Health Department—To have repairs made to pier at Twenty-eighth street, North river. Secretary directed to advise in reply that the repairs necessary to be made to said pier have already been ordered and will very soon be completed.



From George D. DeVore For permit to sell patent camp-stools on the piers of the city. Applicant informed that it is not within the jurisdiction of this Board to issue permits for such purposes.

On motion, the application of John Doshel to erect a platform at Seventy-seventh street, North river, for the letting of small boats, was taken from the table and placed on file, and the permission asked for denied.

Joseph V. Brown, lessee of Pier 60, East river, appeared and was notified of the claim presented by George S. Wilkes, attorney for Nicholas Steinburgh, owner of the canal boat "C. B. Benson," for damage done to said boat, in consequence of a projecting spike while moored at above premises, and being heard in reference thereto.

On motion, the communication of George S. Wilkes, attorney, in reference to said damage, was taken from the table and placed on file.

C. H. Eldridge, sublessee of pier at One Hundred and Seventeenth street, Harlem river, appeared and stated that there is not a sufficient depth of water at said premises to accommodate his boats, and being heard in reference thereto.

On motion, the Engineer in Chief was directed to examine and report as to the extent of dredging necessary, and of the expediency of doing the same, in view of the present condition of the pier.

The Knickerbocker Ice Co. being heard in reference to their applications for placing an engine-house on bulkhead between One Hundred and Twenty-seventh and One Hundred and Twenty-eighth streets, Harlem river, and on bulkhead at Avenue A and Ninety-third street, East river, were taken from the table and placed on file.

The contractor for removing offal from the city, etc., appeared, and being heard as to the bad condition of pier at Thirty-eighth street, North river, assigned to his use,

On motion, the Engineer in Chief was directed to examine and report as to the repairs necessary to be made to the pier at Thirty-eighth street, North river, to place the same in safe and proper condition.

Joseph L. Prosus, Harbor Master, appeared, and stated that, in his opinion, no necessity existed for the erection of a dumping board on the bulkhead north of Bank street, North river, and that the premises in question were required for commercial uses.

On motion, the Secretary was directed to address a communication to the estate of Wesley Smith, deceased, requesting that this Board be informed under what authority they occupy and claim to own the south side of Pier 62 and bulkhead adjoining, East river, and to submit any evidence in their possession of their title to said premises, as this Department is informed that the title to said property is vested in the corporation.

A communication was received from the Engineer-in-Chief stating that the end of Pier 2, East river, needed repairs, the face timbers, new rangers for forty feet, and sheathing for a space of fifty feet being required, and, being read,

On motion, it was

Resolved, That the Union Ferry Company, lessee of the westerly side of Pier 2, East river, and the owners of the easterly side of said pier be and are hereby notified and directed to repair, under the supervision of the Engineer-in-Chief of this Department, the outer end of said pier, it being reported to this Department that the face timbers are entirely gone, and that forty feet of wharfers and fifty feet of sheathing are required.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held May 16, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The Chairman stated that the Commissioners were now prepared to hear persons who were opposed to the erection of a dumping board north of the foot of Bank street, North river. A member of the firm of Cragin & Co. stated that the present wharf accommodations in that section of the water front were insufficient for the business transacted there, and vessels bringing goods to him were frequently delayed from three to five days before a berth could be obtained to enable them to discharge their cargoes; that a dumping board already existed at the foot of Twelfth street, and that if an additional dumping board should be erected, as proposed, it would be a great detriment to persons doing business in that locality.

Messrs. Cobanks & Theall, machinists, being present, stated that steamers were in the habit of lying at the bulkhead between Bethune and Bank streets, whilst undergoing repairs, and that if a dumping board were erected at Bank street, they would be unable to get proper accommodations, and that the dust arising from said dumping board would seriously damage the machinery and cabin furniture of said steamers.

The Knickerbocker Ice Company also stated that it had a serious objection to the erection of said dumping board, inasmuch as the landing of ice in the vicinity would subject them to serious loss and inconvenience in consequence of the dust from said dumping board settling upon the ice.

John D. Tracy was heard at length as to the necessity existing for the erection of said dumping board, in order to accommodate builders and others desirous of getting rid of cellar dirt and other material, and claim that no damage to commercial or other interests would ensue in case it were established at the point designated.

The Chairman stating that a further hearing would be granted to the parties interested on Wednesday, the 21st inst., at 12 o'clock M.,

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

*From the New York & New Jersey Navigation Company.*

*From the New York & New Jersey Navigation Company.*

*From the New York & New Jersey Navigation Company.*

*From the New York & New Jersey Navigation Company.* May 14th 1879. After being read and understood.

Resolved, That permission be and is hereby granted to the New York & New Jersey Navigation Company to be allowed to use the outer end of Pier 1, North river, for landing and unloading coal.

*From the Board.*

Resolved, That permission be and is hereby granted to the New York & New Jersey Navigation Company to be allowed to use the outer end of pier at Twenty-third street, East river, for unloading wharfage property at the rate of 85 per day, payable monthly in advance; but this permission is to continue in force only during the pleasure of this Board.

*From the New York & New Jersey Navigation Company.* May 14th 1879. After being read and understood.

*From the Board.*

Resolved, That permission be and is hereby granted to A. J. Marks & Co. to make landings by their steam tug, at the outer end of Pier, new 1, North river, provided wharfage be paid therefor at the rate of 85 per day, payable monthly in advance; but this permission is to continue in force only during the pleasure of the Board.

*From the New York & New Jersey Navigation Company.* May 14th 1879. After being read and understood.

*From the Board.* Taken from the table and placed on file, and the following resolution adopted:

Resolved, That permission be and is hereby granted to the Harlem & New York Navigation Company to make landings daily at the outer end of Pier 55, East river, provided wharfage be paid therefor at the rate of 85 per day, payable monthly in advance; but this permission is to continue in force only during the pleasure of the Board.

The following communications were received, read, and,

*From the Board.* Taken from the table to await action, as stated, to wit:

*From F. E. Beam.* Application to erect platform scale, weigh office, etc., on the north side of pier at Twentieth street, North river. Applicant requested to furnish a diagram of the improvements proposed to erect.

*From Warwell & Goudon.* Application to erect a hoisting engine on bulkhead between Forty-sixth and Forty-seventh streets, North river. Applicants requested to furnish a diagram of the proposed improvements.

*From Council to the Corporation.* Opinion as to the title of wharf property at Seventh and Eighth streets, East river.

*From New York City Ice Company.* Application to have dredging done at Gansevoort street, North river. Engineer in Chief directed to examine and report as to the condition of the premises and the necessity of dredging thereat.

*From W. B. Cragin.*—As to incumbrances on piers and bulkheads in vicinity of Bank street, North river. Superintendent Fitzpatrick directed to examine and report as to what incumbrances exist on said premises.

From Engineer-in-Chief—Report as to the unsafe condition of Pier 62, East river. Secretary directed to address a communication to the executors of the estate of Wesley Smith, deceased, informing them of the unsafe condition of the pier, and that it is believed that the City is the owner of the south side thereof, and requesting them to call at once at this Department in reference to the property, or this Department will, on behalf of the City, assert ownership of the whole pier.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From James McClenahan, lessee of pier at Fortieth street, North river—To have piles driven for the better protection of the pier. Application denied, for the reason that in accordance with the terms and conditions of sale held April 15, 1878, under which the lease of said pier was purchased by him, he is bound to keep the premises in repair.

From Department of Public Charities and Correction—To have piles replaced at dock at Ward's Island. Engineer-in-Chief directed to examine premises and do the work, provided the expense shall not exceed the sum of \$100.

From Thomas Fitzpatrick, lessee of pier at Seventy-ninth street, North river—To have piles moved from slip adjacent to south side of said pier, as they prevent free access to the same. Superintendent of the District directed to cause the removal of said piles as requested.

From C. W. Durant & Son—In reference to the repairs needed to be made to pier at Twenty-seventh street, East river. Applicant informed that the Engineer-in-Chief of this Department has been directed to repair said pier, and that the work will soon be completed.

From Thomas Fitzpatrick, lessee of pier at Twenty-eighth street, East river—To have dredging done, there not being sufficient depth of water for the class of vessels using the premises. Applicant informed that this Department has already advertised for proposals for doing the necessary dredging at said pier.

From Comptroller—Advising his approval of the sureties for the contract awarded to Cyrus J. Hall, on the 7th instant.

From the Department of Public Works—Enclosing plans for sewers between West Eleventh and Spring streets, North river. The said plans referred to the Engineer-in-Chief to be placed on file in his office.

From Metropolitan Elevated Railway Co.—For loan of the Woodcock Boring Machine belonging to this Department for use on the Harlem river, north of Eighth avenue, and agreeing to return said machine in as good order as when received, and to pay for the use thereof the sum of \$5 per day. Engineer-in-Chief directed to deliver the machine to said Company, when called for.

From Vosburgh & Gilbertson—Asking to be allowed to proceed with the erection of a shed the outer end of pier at Twenty-second street, North river, in accordance with the terms of the resolution adopted by this Board, on May 11, 1876, wherein permission was given to A. Van Antvoord, lessee of the pier, to erect on the outer end built by him, a shed for the protection of property and passengers. Permission granted.

From M. Knapp—To retain a small office on bulkhead between Piers 16 and 17, East river. Application denied.

From Engineer-in-Chief—Report as to work performed during week ending May 17, 1879.

From Health Department—Stating that for more than thirty years past a berth on the north side of Pier 61, East river, has been used by the boats for the removal of night-soil from the city.

Communication from Isaac Fowler, lessee of Pier 61, and at Thirty-eighth street, East river, taken from the table and placed on file, and the Secretary directed to address a communication to Isaac Fowler, lessee of said premises, stating that this Board has never set aside for the use of the Health Department a berth on the north side of Pier 61, East river, for the boats engaged in removing night-soil from the city, and has never been requested by said Department to do so; and also, that in accordance with the terms and conditions of sale held April 15, 1878, under which the lease of Pier at Thirty-eighth street, East river, was purchased by him, he is bound to keep in safe and proper repair all parts of said pier occupied by him, and that this Department cannot repair the foundation of the pier as requested by him.

From Engineer in Chief. Stating that, in order to accommodate the boats of the Bureau of Street Cleaning, at Piers 37, 61, and at Twenty-second street, East river, it will be necessary to excavate and remove about 800, 2,000 and 600 cubic yards of mud respectively.

Application from Police Department taken from the table and placed on file, and the Engineer-in-Chief directed to make requisition for necessary dredge, scows, and labor to excavate and remove the above quantities of mud from said premises in accordance with his report.

From Joseph McDonald & Co. In reference to unsafe condition of pier at Twenty-eighth street, North river. Applicants informed that directions were given to the Engineer-in-Chief of this Department on the 7th instant to make the necessary repairs to said pier.

The Secretary directed to address a communication to F. W. Jackson, General Superintendent of Pennsylvania Railroad Company, requesting him to be present at the meeting of the Board to be held 28th instant, and to furnish the authority under which Pier 16, North river, was erected.

The Auditing Committee presented an audit of twenty-two bills or claims, amounting in the aggregate to the sum of \$3,413.15; and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held May 26, 1879.

Present—Commissioners Dimock and Vanderpoel and the Comptroller of the city.

On motion, Commissioner Dimock took the chair.

Three proposals were received for dredging at certain piers on the North and East rivers, as follows, to wit:

1. Chandler H. Loomis, ..... 25 cents per cubic yard.
2. Atlantic Dredging Company ..... 26 " " " "
3. Morris & Cummings Dredging Company ..... 26 " " " "

—and being read were, on motion, laid on the table for examination.

On motion the board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held May 28, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The reading of the minutes of the meetings held May 24 and 26 was, on motion, dispensed with.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From Jacob Sharp, President of the Twenty-third Street Railway Co.—Stating the necessity of having dredging done at and adjacent to the bulkhead at Twenty-third street, North river, and offering to pay \$500 towards the expenses of doing the work. Engineer-in-Chief directed to confer with O. Chanute, Engineer of New York, Lake Erie and Western Railroad Co., occupants of ferry wharves at the foot of Twenty-third street, North river, in reference to the subject.

From Charles H. Longstreet, Superintendent—In reference to landings at Pier, new 1, North river, during July, August, and September, by steamers "Harlem" and "Morrisania." Secretary directed to request the applicant to call on the Commissioners in reference to his application.

From Engineer-in-Chief—

1. Report as to repairs required to pier at Thirty-eighth street, North river, occupied by contractor for removing offal, etc., from the city. Secretary directed to examine the agreement between the city and the contractors for the removal of offal, under which pier at Thirty-eighth street, North river, was set aside for their use, and if the city is bound under said agreement to keep the pier in repair, to direct the Engineer-in-Chief to make the repairs in accordance with his report, at cost of about \$400.

2. Report as to dredging needed at pier at One Hundred and Seventeenth street, East river. James P. Minster, lessee of said pier, requested to call on the Commissioners in reference to the same.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Police Department—To have piles driven at the bulkhead at Seventeenth street, East river. Action of the Commissioners in ordering the work done on the 26th instant, approved.

From Townsend & Co.—To place a circular hoisting apparatus on bulkhead between Twenty-third and Twenty-fourth streets, North river, for the purpose of hoisting coal. Application denied.

From Comptroller—Advising that Chandler H. Loomis, contractor, is not in default to the Corporation.

From John M. C. Scully—Offering to furnish all the small cobble and rip-rap stone required by the Department, at contract prices, during the interval that elapses until the signing of his contract, and in such manner as the Department may approve.

From Engineer-in-Chief—Report as to work performed during week ending May 24, 1879.

O. Chanute, Chief Engineer of the New York, Lake Erie and Western Railroad Co., lessee and occupant of Pier 8, East river, and H. E. Nesmith, Jr., representing owners of Pier 9, East river, appeared and were heard as to the dredging ordered to be done by this Department in the slip between said piers.

John D. Tracy appeared and was heard in reference to his application to erect a dumping-board at Bank street, North river.

Messrs. A. L. Dennis and F. W. Jackson and others, representing the Pennsylvania Railroad Co., were present and heard at length in reference to the improvements contemplated by said company at the foot of Cortlandt street, North river.

On motion, the proposals received and opened on 26th instant, for dredging at certain piers on North and East rivers, were taken from the table, placed on file, and the following resolution adopted :

Resolved, That the contract for dredging at certain piers on North and East rivers of this city be and is hereby awarded to Chandler H. Loomis, of 139 Yates avenue, Brooklyn, his bid for doing said work being the lowest under proposals publicly opened 26th May, 1879.

The Secretary stating that the right to collect and retain all the wharfage accruing at the following-named piers and bulkheads had been sold to the highest bidders therefor, as named below, at an adjourned public sale, held by James M. Oakley & Co., auctioneers, on 6th instant, and for the terms and prices as stated opposite each lot, respectively, to wit :

#### ON NORTH RIVER.

Lot 1—Pier at West Twenty-eighth street, to Daniel T. Robertson, for one year from 1st May, 1879, at \$600 per annum ; upset bid, \$600.

Lot 2 Bulkhead at West Thirty-sixth street, to John Burns, for one year from 1st May, 1879, at \$100 per annum ; upset bid, \$100.

Lot 4—Bulkhead at West Nineteenth street, to D. C. Newell & Sons, for three years from 1st May, 1879, at \$200 per annum ; upset bid, \$200.

#### ON EAST RIVER.

Lot 5—Bulkhead at East Forty-seventh street, to Owens & Co., for two years from 1st May, 1879, at \$675 per annum ; upset bid, \$300.

On motion, it was

Resolved, That the sale of the said right at the said several lots of wharf property, upon the terms as reported by the Secretary, be and is hereby approved and confirmed, and the officers of the Board be and are hereby authorized and empowered to execute the necessary leases therefor, when prepared and approved as to form by the Counsel to the Corporation.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held June 4, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held May 24, 26, and 28, 1879, were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From J. H. Vanderbilt and others—Protesting against the erection of a dumping board at Thune street, North river.

From James W. Smith—As to his ownership of the south side of Pier 62, East river. Secretary directed to examine as to his title to said premises, and report to the Board.

From Harlem and New York Navigation Company—To have lease of pier at East Fifty-third street executed direct to them. Applicants requested to be present at the next meeting of the Board.

From B. F. Tyler—In reference to damage done to schooner "O. F. Hawley" by tug Manhattan" on June 2, while off Pier, old 40, North river. Engineer-in-Chief to report as to the facts of said collision.

From Police Department—As to dredging required at pier at Forty-sixth street, East river. Engineer-in-Chief directed to examine and report as to the extent of dredging required at said premises to accommodate the boats of the Bureau of Street Cleaning.

From J. M. Goetchius—To drive piles and erect a platform for ferry purposes between One Hundred and Thirtieth and One Hundred and Thirty-first streets, North river.

From Police Department—To have dredging done at the dumping board at Laight street, North river. Engineer-in-Chief directed to examine and report amount of dredging required at said premises to accommodate the boats of the Police Department.

From George H. Fletcher, Attorney for Eldrige & Warren—Claiming that the Department is bound to give to them the lease of the pier at Fifty-third street, East river, under the assignment made by the Harlem and New York Navigation Company, purchasers of said lease, filed in this office on 26th February last. Applicants being heard, further consideration of the subject deferred for one week.

From A. L. Kerker, lessee of the right to moor floats at the foot of the steps at the bridge at Third avenue, Harlem river, for the letting of small boats—Stating that the Superintendent of Public Parks had placed the house of the Bridge Keeper in front of the steps at the Westchester side of the bridge, thereby obstructing the approach to his floats, and requesting that this Department take action to have said house removed. Secretary directed to address a communication to the Commissioners of Public Parks, advising that said Kerker had purchased, on March 14, 1878, at the public sale ordered by this Department, the right, for three years, to moor floats at steps at each end of Third Avenue Bridge, at a yearly rent of \$1,200 per annum, and that the privilege of mooring floats at said premises has been a source of revenue to the city for several years past, and requesting that said Department cause the removal of the obstruction complained of, as the interests of the city require that the lessee aforesaid should have the enjoyment of the right purchased by him.



From Engineer-in-Chief—Stating that there remain in the Department yard at Seventeenth street, East river, one hundred and eighteen pieces of granite leaders and structures, and sixty-six pieces of granite coping, delivered under the contract of John Hogan, and requested as not being in accordance with the provisions of the contract, and that said granite had been directed in writing to remain on and reported on, but had failed to do so; and that as the Department requires the space occupied by and around its removal is necessary. Secretary directed to have granted a proper time to be removed on or before the 18th instant, and if not so removed by that date that then the Department will remove said stones and place them on storage, subject to the charges incurred in so removing.

The following communications were received, read, and:

On motion, placed on file, action being taken where necessary, as stated, to wit:

From Fulton Market Fish Mongers' Association, lessees of slip between Piers 22 and 23, East river, etc., requesting that the necessary dredging thereat be performed with as little delay as possible. Applicant informed that the work of dredging said premises has been contracted for and will be done very soon.

From N. Y. & Manhattan Beach Railway Co. In reference to price to be charged to the Harlem boat for making landings daily at the end of pier at Twenty-third street, East river. Secretary directed to advise in reply that this Department will charge \$5 per day to said boats for the privilege of making landing at said pier, and as the season is short, the Commissioners believe the price fixed to be fair and reasonable.

From Superintendent McConkey—As to shed erected on Pier 1, East river.

From Chandler H. Loomis—Accepting to contract for dredging at various piers, under award made May 28, 1879.

From Henry Miller, Jr. As to repairs needed at Pier, old 54, North river. Applicant notified and directed to make the necessary repairs to said pier, in accordance with the terms and conditions of sale held March 14, 1878, under which the lease of said premises was purchased by him.

From Department of Public Works—Stating that the free public baths are now located at the places designated by this Department, and requesting that such floats and rafts as may be necessary for their full protection be placed thereat. Engineer-in-Chief directed to do the work in accordance with the request of said Department.

From Police Department—Requesting that about six piles be driven at the dumping board at Jackson street, East river. Engineer-in-Chief directed to drive said piles as requested by said Department.

From Charles G. Francklyn, Agent Cunard Steamship Company—Stating that as he is informed by the Department of Public Works that the sewer at the foot of Clarkson street, North river, will remain as it is until September next, and requesting that a temporary covering be placed over the same to prevent the foul odors arising therefrom. Engineer-in-Chief directed to cover said sewer with old material now on hand, and with earth, at a cost of about \$400.

From Engineer-in-Chief—

- 1st. Report as to work performed during week ending May 31, 1879.
- 2d. Report stating that the crib at the end of the pier at One Hundred and Sixth street, Harlem River, has settled and carried the whole pier out, so as to pull off the face of the bulkhead, making necessary to rebuild the bulkhead, and repair the pier, at a cost of about \$750. Engineer-in-Chief directed to repair said bulkhead and pier in accordance with his report.

On motion, the application of F. E. Bean to erect a platform on north side of pier at Sixteenth street, North river, etc., was taken from the table and placed on file, and the applicant notified that this Department has no objection to his driving five piles and erecting thereon a platform about eighty feet long, on the North side of pier at Sixteenth street, North river, also to place a scale and weigh office on the northeast corner of said pier: the consent of the lessee of said premises, and also of the Harbor Master of the district having been filed in this office, but this Department reserves the right to cause their removal at any time it may so elect.

On motion, the application of Warwick & Gordon, for permission to erect a hoisting engine on premises occupied by them between Forty-sixth and Forty-seventh streets, North river, for the purpose of discharging coal, was taken from the table and placed on file, and the applicants informed that, while this Department is doubtful if it has jurisdiction to grant the permission asked for, it has no objection to their placing said engine on the premises referred to, but the Department reserves the right to cause its removal at any time it may so elect.

A report was received from the Engineer-in-Chief, stating that the repairs ordered to be made on the inner end of the westerly side of Pier 23, East river, for account of the lessees thereof, were completed on May 13, at a cost of \$562.19, and, being read,

On motion, it was

Resolved, That the treasurer be and is hereby authorized and directed to prepare a statement of claim in the sum of \$562.19, and present the same to the Fulton Market Fish Mongers' Association for payment, being for expenses incurred for repairs made by this Department to the inner end of the westerly side of Pier 23, East river, in conformity with the provisions of the lease of said premises.

The Auditing Committee presented an audit of nine bills or claims, amounting in the aggregate to the sum of \$1,698.08, and, being read, was

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

A communication was received from the Engineer-in-Chief, suggesting certain changes in the plans for sewers and outlets about to be contracted for by the Department of Public Works, on West Street, between Spring and West Eleventh streets, as shown on the maps received from said Department, and being read,

On motion, the Secretary was directed to address a communication to the Commissioner of Public Works, advising him of the suggestions of the Engineer-in-Chief, in regard to said sewers,

outlets, etc., with the request that if they shall prove acceptable to him, he will have the alterations made upon the maps prepared by his Department, and forwarded to this Department at his earliest convenience.

An application was presented by F. W. Jackson, General Superintendent Pennsylvania Railroad Co., for permission to erect platform, repair and extend Pier 16, North river, etc., occupied by said Company, and being heard at length in reference to the contemplated improvements, said application was.

On motion, laid on table, to enable the applicant to prepare a modified plan of the work.

The Secretary stating that the insurance against fire on the sheds on Piers, new 43 and new 46, North river, to the amount of \$65,000, would expire on the 25th instant.

On motion, the Treasurer was authorized and directed to effect an equal amount of fire insurance, either by renewal of existing policies or otherwise, for one year from said date.

On motion, John Hogan, and Patrick Kane, Night Watchmen, were discharged.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held June 11, 1879.

Present Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held the 4th inst. were read and approved.

A communication was received from the Police Department, stating that they would require for the uses of the Bureau of Street Cleaning the whole of piers at Forty-sixth and at Twenty-second streets, East river : and, being read,

On motion, the application from said Department to have said premises assigned for their use was taken from the table and placed on file, and the following resolution adopted :

Resolved, That the piers at Twenty-second and at Forty-sixth streets, East river, be and are hereby set aside, during the pleasure of the Board, for the use of the Police Department, in order to furnish additional accommodation for the boats of the Bureau of Street Cleaning.

On motion, the Secretary was directed to address a communication to the Captain of the Port, stating that under the provisions of section 4 of chapter 677 of the Laws of 1872, this Department is obliged to furnish to the Board of Police suitable docks, piers, and slips needed for the purpose of removing street dirt, etc., and that, in accordance with the request of the Board of Police, this Department has assigned to its use the piers at Twenty-second and at Forty-sixth streets, East river, and requesting that officer to issue such directions as will insure to said Board of Police the free use of said premises.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From Old Dominion Steamship Company, lessee of Pier, old 37, North river—To have Pier, new 26, North river, built upon the site thereof, and inclosing a tracing showing a modified plan of said pier.

Engineer-in-Chief directed to prepare plans and specifications to have Pier, new 26, North river, built upon the lines submitted to and lately approved by the Commissioners of the Sinking Fund.

From Engineer-in-Chief—In reference to completion of boat landing at Pier, new 1, North river.

From James S. Minster, Lessee—In reference to dredging at pier at One Hundred and Seventy-ninth street, Harlem river.

From Department of Public Charities and Correction—Stating the necessity of repairs being made to docks at Blackwell's, Randall's, and Ward's Islands, and at pier at Twenty-sixth street, East river. Engineer-in-Chief directed to make an examination, and report as to the repairs required to said premises, and the cost of doing the work.

From Charles Heckman—Requesting that action be taken to have the dumping board occupied by the Police Department removed from the corner of Seventeenth street and Avenue C to its former location, about three hundred feet from Avenue C, on the line of Seventeenth street, as at present it is a great detriment to the health of the residents occupying the block of buildings on the west side of Avenue C, between Seventeenth and Eighteenth streets, owned by him.

Secretary directed to address a communication to the Police Department, stating the reason made by Mr. Heckman against retaining said dumping board in its present location, and asking that this Board be advised for what reason the said dumping board, heretofore situated about three hundred feet from the east side of Avenue C, has been moved up the easterly side of said avenue.

From R. W. De Forest—In reference to the condition of bulkhead between Piers 41 and 42, East river.

Engineer-in-Chief directed to attend the meeting of the owners, at the office of George Briggs, 54 South street, on 13th instant, at 3 o'clock P. M., in relation to the rebuilding of the premises.

From Engineer-in-Chief—In relation to the damage sustained to the schooner "O. F. Hawley" by collision with the tug "Manhattan," belonging to this Department, on the 2d instant.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Maine S. S. Co., lessee of Pier 38, East river—To drive piles and repair premises.

Permission granted ; the work to be done, within the existing lines of the pier, under the supervision of the Engineer-in-Chief of this Department.

From Glasco Ice Co—Application for permission to drive two piles on the bulkhead between Fourteenth and Fifteenth streets, North river, for the purpose of fastening boat-lines.

Permission granted ; the work to be done under the supervision of the Engineer-in-Chief of this Department.

From New York & Harlem Navigation Co.—Application for permission to drive ten piles underneath the dock at One Hundred and Thirtieth street, east of Third avenue.

Permission granted : the work to be done under the supervision of the Engineer-in-Chief of this Department.

From Lawrence and Co. Application for permission to drive twenty fender-piles at the foot of East street, in front of their store, in place of those displaced and broken.

Permission granted : the work to be done under the supervision of the Engineer-in-Chief of this Department.

From Engineer in Chief Report as to work performed during the week ending June 7, 1879.

On motion, the Engineer-in-Chief was directed to place a backing log on the 84 feet of bulkhead on the north side of Pier, new 1, North river, and also to repair the approach to said pier.

On motion, the lessee of the east side of Pier 6, East river, was notified and directed to make the necessary repairs thereto, the Superintendent of the district having reported that the planking on said pier, from South street to the bulkhead, is in a very bad condition.

On motion, the owners of the bulkhead between Forty-ninth and Fiftieth streets, East river, were notified and directed to repair said premises, the Superintendent of the district having reported that the same is in a very unsafe condition.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held June 12, 1879.

Present : -Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

On motion, the communication from the Engineer-in-Chief in reference to the completion of the Boat Landing at Pier, new 1, North river, was taken from the table and placed on file, and the following resolution adopted :

Resolved, That the Engineer-in-Chief be and hereby is authorized and directed to change the cost value of certain old granite stones, now lying in East Seventeenth Street Yard, to its present serviceable value of 30 cents per cubic foot for the reasons given in his communication dated June 10, 1879.

On motion, the Engineer-in-Chief was directed to proceed with the drainage of the land near the Boat Landing adjacent to Pier, new 1, North river, and to place a coping in the rear of said Boat Landing, except that the stone posts and galvanized chains be omitted, in accordance with the recommendation contained in his communication of 10th instant.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held June 18, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held the 11th instant, were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From Comptroller.—In reference to the qualification of sureties for contracts awarded to Dwyer Lydon and John M. C. Scully. Secretary directed to notify Nellie R. Lydon and Geo. J. Ray, eties for contract of Dwyer & Lydon, to call at once upon the Commissioners in reference to the said contract.

From Police Department—Asking that wharf accommodations be afforded to it between Fifth and Seventy-fifth streets, East river, for dumping purposes. Secretary directed to advise said Department that the foot of Sixty-second street, E. R., can be assigned for its use for the erection of a dumping board, etc., and requesting that this Board be informed if the above location will be suitable for the purpose.

From Engineer-in-Chief—In reference to the rebuilding of the bulkhead between Piers 41 and 42, E. R., owned by private parties. Secretary directed to notify John L. Roome, Junior, lessee of Pier 41 and bulkhead adjoining, E. R., to call upon the Commissioners in reference to the repairs necessary to be made to the premises.

From Police Department—To have the sunken wreck removed from the slip adjacent to Pier Twenty-second street, E. R. Secretary directed to notify the owners of said wreck to remove from above-named premises without delay, or this Department will do so at their cost and expense.

Engineer-in-Chief directed to examine and report an estimate of the cost of removing said wreck from the above premises.

From Health Department—In reference to the berth heretofore used by the night-soil boat at the upper side of Pier 61, East river. Secretary directed to address a communication to the Commissioners of the Health Department, requesting them to attend a meeting of this Board, to be held the 18th instant, in reference to the subject, and asking that the contract existing between the city and said contractors for the removal of night-soil be then submitted for examination.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From John J. Dally and others—Requesting that a berth be set aside at the Pier at One Hundred and Sixth street, Harlem river, for the use of a boat engaged in the removal of night-soil, etc. Applicants informed that this Department will shortly arrange for a berth at said premises, to be used by the boat belonging to the contractor for removing night-soil.

From Comptroller—Approving of sureties to proposal of Chandler H. Loomis, for dredging at various piers, opened May 26, 1879.

From Engineer-in-Chief—

1st. Report advising that the work of covering the sewer at Clarkson street, North river, had been completed at a cost of \$123.58.

2d. Report in reference to the dredging performed at Gansevoort street, North river. Application of N. Y. City Ice Co. to have dredging done at said premises taken from the table and placed on file, and applicants informed that after a careful examination of the slip by the Engineer-in-Chief of this Department, he reports that he is unable to discover the ridge which they stated existed thereat, and that the soundings taken immediately after the work of dredging was completed, indicated a very uniform depth of 10 feet at mean low water.

3d. Report in reference to the dredging needed at the bulkhead at Twenty-third street, North river. Engineer-in-Chief directed to make requisition for the necessary dredge, scows, and labor to excavate and remove the mud from slip at above premises, at a cost not exceeding \$950, in accordance with the recommendation contained in his report.

Application of Twenty-third Street Railroad Company, to have dredging done at the foot of Twenty-third street, North river, taken from the table and placed on file.

4th. Report as to work performed during week ending June 14, 1879.

From Washburn & Co.--Asking that a lease of the pier at Twenty-second street, East river, be granted to them. Applicants informed that the premises have been assigned to the Police Department for the use of the Bureau of Street Cleaning.

From George S. Holmes, U. S. Deputy Marshal--Offering to sell to the Department the seventeen pieces of granite stone, now at the East Seventeenth street yard, in his custody, for the sum of \$450. Secretary directed to advise that said offer is declined, for the reason that the expense to be incurred for cutting said granite in order to render it fit for the purposes of the Department will be in excess of the price for which the Department can obtain stone all ready for laying.

From F. E. Bean To erect a platform for discharging ice, and place scales between Sixteenth and Seventeenth streets, North river. Applicant informed that this Department has no objection to his placing and retaining on the bulkhead between Sixteenth and Seventeenth streets, North river, a platform seventy-five feet long, and scale, for the purpose of discharging ice, the consent of the lessee of said premises having been filed in this office, but the Department reserves the right to cause their removal at any time it may so elect.

From Geo. V. Hecker & Co.--For permission to insert an 8-inch drain pipe in the bulkhead between Piers 40 and 41, East river, and enclosing consent thereto of the lessee of said premises. Permission granted. The work to be done under the supervision of the Engineer-in-Chief of this Department, and the said pipe to remain only during the pleasure of the Board.

The Auditing Committee presented an audit of twenty-two bills or claims, amounting in the aggregate to the sum of \$3,648.16; and, being read, was

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

The Secretary stating that the Engineer-in-Chief, in his report on Secretary Order 1173, had reported that the New York, Lake Erie & Western Railroad Company, had the use of the Woodcock Boring Machine belonging to this Department, for one day instead of four days.

On motion, the Treasurer was authorized and directed to prepare a statement in the sum of \$20, and present the same to the New York, Lake Erie & Western Railroad Company, for payment, being for the use of the Woodcock Boring Machine for four days instead of one day, as directed by the Board on 26th March last.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held June 21, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

On motion, the communication from the Comptroller in reference to the qualifications for contracts awarded to Dwyer & Lydon and John M. C. Scully was taken from the table placed on file, and the following resolution adopted :

Resolved, That Thomas F. S. Dwyer and Martin J. Lydon, to whom the contract for furnishing the Department with broken stone was awarded on the 7th May, 1879, and Nellie R. Lydon George J. Ray, the sureties proposed therefor, be and are hereby notified to execute and complete the said contract within forty-eight hours after receipt of this notice, and that if they fail or neglect so to do, this Department will re-advertise and relet the said contract without further delay, in conformity with the provisions of the proposal under which the said contract was awarded to them.

A report was received from the Engineer-in-Chief, stating that he had caused an examination to be made of the piers on Blackwell's, Randall's, and Ward's Islands, and at Twenty-sixth street, North river, and that to make the necessary repairs would involve an expense of about \$600 ; and, being read,

On motion, the communication from the Department of Public Charities and Correction, requesting to have repairs made to said piers, was taken from the table and placed on file, and the Engineer-in-Chief directed to make the repairs to said premises in accordance with his report.

The Secretary reporting that an examination of the contract existing between the city and the contractor for the removal of offal, dead animals, etc., shows that the city, under the provisions thereof, is to provide a suitable dock for the contractor.

On motion, the report of the Engineer-in-Chief as to the repairs necessary to be made to the pier at Thirty-eighth street, North river, occupied by the contractor for the removal of offal, etc., in the city, was taken from the table and placed on file, and the Engineer-in-Chief directed to complete the repairs to said pier, in accordance with his report, at a cost of about \$400.

A communication was received from the Department of Public Works, with plans of sewers to be built on West street, between Spring and West Eleventh streets, altered as recommended by the Engineer-in-Chief of this Department ; and, being read, was,

On motion, placed on file.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.



At a meeting of the Board of Docks, held July 9, 1879.

Present Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held June 12, 18, and 21, 1879, were read and approved.

An application was received from the New York Floating Dry Dock Company, and the New York, Alexandria & Washington Steamship Company, asking that permission be granted them to repair the bulkhead between Piers 41 and 42, East river, and, being read,

On motion, the communication from R. W. De Forest and the report of the Engineer-in-Chief, in reference to the condition of said bulkhead, were taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and the same is hereby granted to the New York Floating Dry Dock Company, and the New York, Alexandria & Washington Steamship Company, owners and lessees of bulkhead between Piers 41 and 42, East river, to rebuild said premises within the lines of the present structure : the work to be done under the supervision of the Engineer-in-Chief of this Department.

An application was received from the Pennsylvania Railroad Company for permission to drive piles, erect platform, etc., at the ferry premises foot of Cortlandt street, North river, and, being read,

On motion, the following resolution was adopted :

Resolved, That permission be and is hereby granted to the Pennsylvania Railroad Company, occupant of ferry premises at Cortlandt street, North river, to drive piles, and extend their floats and bridges, and the middle pier between their ferry slips, and to drive a cluster of piles about sixty-two feet westerly from the end of Pier 16, and to connect it by two rows of piles to the upper and lower sides of said pier, as shown upon the plan submitted with their application, and also to drive piles and erect a platform over the space between the south side of Pier 16 and the northerly side of the ferry occupied by the Central Railroad Company of New Jersey, and the existing bulkhead and the new bulkhead line, and to erect upon the said platform a shed for the protection of property received and discharged thereat by steam transportation, said shed to be constructed subject to the regulations of the Superintendent of Buildings, as required by chapter 249, Laws of 1875 ; provided said company shall, within ten days from the date hereof, file in this office an agreement to pay to this Department as rent for the land under water covered by the platform to be built south of Pier 16, the sum of \$800 per annum, payable quarterly in advance, from August 1, 1879 ; and that the work hereby authorized is to be done in accordance with plans submitted and on file in this office, and under the supervision of the Engineer-in-Chief of this Department.

An application was received from the Old Colony Steamboat Company for permission to drive piles, erect platform and shed adjoining north side of Pier, old 28, North river ; and, being read,

On motion, the following resolution was adopted :

Resolved, That permission be and the same is hereby granted to the Old Colony Steamboat Company, occupant of Pier, old 28, and bulkhead adjoining, North river, to drive piles in front

e bulkhead adjacent to the northerly side of said pier, and to construct thereon a platform 53 feet long and extending westerly from said bulkhead about 55 feet, and to erect on said pier, subject to the regulations of the Superintendent of Buildings, as required by chapter 249, of 1875, a shed and other structures for the protection of property received and discharged at by steam transportation; provided that the said company shall file in this Department, within ten days from this date, an agreement to pay to this Department as rent for the land under to be covered by said platform the sum of \$250 per annum, payable annually in advance, August 1, 1879, and to remove said platform and shed when so directed to do by this Board successor, free of all claim of any kind whatsoever, consequent upon such removal, all the work done under the supervision of the Engineer-in-Chief of this Department.

The following communications were received, read, and,

On motion, laid on the table, to await action as stated, to wit:

From Police Department - Requesting that piles be driven in Gravesend Bay to facilitate the portation to sea of the material collected by the Bureau of Street Cleaning. Secretary directed in reply that this Department will loan for the said purpose one of its pile drivers, provided said Police Department will furnish all towing materials and labor necessary for the work, and return the said machine in as good order as when received.

From William H. Wood, lessee - To have dredging done between Piers 56 and 57, East river. Engineer-in-Chief directed to examine and report the amount of dredging necessary to secure a depth of ten feet at mean low water.

From Fire Department - Requesting that a berth be set aside at the bulkhead at Pier, new 1, East river, for the Fire Steamer "Havemeyer," to drive piles, etc. Secretary directed to advise in reply that this Department will set aside a berth at the premises for said steamer, provided that the lessee desiring to obtain a supply of Croton water at the premises shall have the privilege of running their hose over the steamer, when she is moored thereat, and requesting said Department to submit a diagram showing the position of the piles proposed to be driven to enable this Board to action thereon.

From Department of Public Charities and Correction - To have repairs made to the pier at Rikers Island. Engineer-in-Chief directed to examine and report the repairs necessary to be made and the cost of doing the work.

From D. F. Atkins, Superintendent, lessee - To have dredging done at the bulkhead foot of Twentieth street, East river. Engineer-in-Chief directed to examine and report the amount of dredging necessary to give ten feet at mean low water.

From Thomas Fitzpatrick, lessee of pier at Twenty-eighth street, East river—Stating that the house located on the bulkhead at the north side of said pier interferes with the free use of the piers leased by him, and requesting its removal. Secretary directed to address a communication to Counsel to the Corporation, and referring to a letter addressed to that officer in March last, giving the substance of the complaint of the said lessee, and requesting said Counsel to advise this Board, in writing, at his earliest convenience, as to its duty in reference to the removal of said boat-house.

From Peter McDonnell - For permission to erect platform on pier at Thirty-ninth street, East river. Applicant notified to furnish a diagram of the location of the proposed platform.

From Thomas Fitzpatrick (2d), lessee - To have repairs made to pier at Seventy-ninth street, East river. Engineer-in-Chief directed to examine and report the repairs required and the cost of doing the work.

From John McArthur Asking that he be permitted to excavate in front of property owned by him between Seventy-third and Seventy-fourth streets, East river. Applicant requested to be present at the next meeting of the Board.

From R. J. Cortis To have repairs made to the pier at Fifth street, East river, to facilitate the landing of passengers by the Floating Hospital of St. John's Guild.

From Department of Public Works—Stating that if the repairs ordered to be made at the pier at Fifth street, East river, are made while the public bath is located thereat, it will seriously inconvenience the persons using said bath, and requesting that said repairs be deferred until the close of the bathing season. Joseph V. Brown, lessee of said pier, requested to call upon the Commissioners in reference to the repairs to be made to said pier.

From Police Department—Stating that repairs were necessary to be made to Pier at Twenty-third street, East river. Action of the Commissioners in directing the Engineer-in-Chief to examine and report as to the repairs necessary to be made to said pier, and the cost of doing the work, approved.

From Jas. Butler, Civil Engineer—Stating that the Engineers of the Department were engaged in doing work for private parties. Referred to the Commissioners for examination.

The following communications were received, read, and

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Engineer-in-Chief

1. Report, stating that to remove the sunken wreck from Pier at foot of Twenty-second street, East river, would involve an expense of about \$150. Secretary reported that Washburn & Co., owners of said sunken wreck, had failed to remove the same as notified by this Board.

Communication from the Police Department requesting the removal of said wreck, taken from the table and placed on file, and the Engineer-in-Chief directed to do the work in accordance with his report.

2. Report, stating that in order to secure a depth of fifteen feet at mean low water at Pier at Forty-sixth street, East river, to accommodate the boats of the Bureau of Street Cleaning, would require the removal of about 1,300 cubic yards of mud, and to secure the same depth of water at the dumping board at Laight street, North river, would require the excavation of about 2,800 cubic yards of mud. Communication from the Police Department, to have dredging done at said premises taken from the table and placed on file, and the action of the Commissioners on the 23d of June last, in directing the Engineer to do the dredging required, approved.

3. Report as to repairs made to certain piers and bulkheads on the North and East rivers under leases.

4. Report as to the use by Mr. Collins of a portion of the bulkhead at Gansevoort street North river, for the shipping of some large tanks ; action of the Commissioners on the 2d instant, in granting Mr. Collins permission therefor, on payment of legal wharfage, approved.

5. Reports as to work performed during weeks ending June 21st, 28th, and July 5, 1879.

From Neidinger, Schmidt & Co.—To erect a wire sign at dock at Sixty-third street, East river. Application denied.

From Department of Public Works—To have fenders placed at the Free Floating Bath, moored at One Hundred and Fourteenth street, Harlem river. Engineer-in-Chief directed to do the work as requested.

From Police Department—Requesting that some old material lying between Houston and Jackson streets, North river, be delivered to it for the repairing of their dumping-boards. Action of the Commissioners on the 23d of June last, in granting permission, approved.

From S. A. Jenks & Co.—To drive fifteen fender piles on the lower side of Pier 47, East river. Action of the Commissioners on 23d June last, in granting permission for same, approved.

From Department of Public Works—Stating that a quantity of lumber at pier at Bethune street, North river, obstructed access to and from the floating bath at said pier. Superintendent Patrick directed to cause the removal of said lumber, and to keep the foot-path clear for the people going to and from the bath.

From Police Department—To have some portion of the water-front between Fiftieth and Fifty-fifth streets, East river, set aside for depositing street dirt, etc.—Application of said Department of June 13th last taken from the table and placed on file, and the Secretary directed to advise the Department that this Department has not at present under its control any place for the above-named purpose, but will notify said Department whenever a place can be designated.

From Common Council—Recommending the closing of public offices on July 5th inst.

From John L. Fagan—To insert drain-pipe in bulkhead between Piers 14 and 15, East river. Action of the Commissioners on 28th June, in granting permission, approved.

From Eastern Granite Company—Enclosing statement in the sum of \$1,273.56, being amount due them for furnishing granite stone to John Horgan, contractor. Secretary directed to state in reply that on 7th of August, 1878, this Department gave consent to said contractor to assign all moneys to become due under his contract to Mark Hogan, and that there is at present no money due, nor is there likely to be any to become due, for the reason that the penalties imposed under the provision thereof, for the non-delivery of the material called for, are for an amount in excess of the value of material delivered and not yet settled for.

From Old Dominion Steamship Company—To have piles replaced at Pier, old 37, North river. Action of the Commissioners on June 20th last, in directing the Engineer-in-Chief to do the work, approved.

From John McCarthy—To place a fruit stand on pier at Third street, East river. Application denied.

From Pacific Mail Steamship Company—To have spring piles driven at the end of Pier, new 43, North river. Applicants notified, pursuant to the terms and conditions of their lease, to drive said piles at their own cost and expense.

A communication was received from the Old Dominion Steamship Company consenting to the use of the end of Pier, new 43, North river, as a passenger landing by the Morrisania Steamboat Company, whenever said pier shall be assigned to them, and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to Charles H. Longstreet, Superintendent Morrisania Steamboat Company, to make landings daily at the outer end of Pier, new 43, North river, provided that wharfage be paid therefor at the rate of \$5 per day, payable monthly in advance; but this permission is to continue in force only during the pleasure of the Board.

The Secretary reporting that, by direction of the Commissioners, the Engineer-in-Chief had been directed, on the 20th of June last, to put down a plank walk about six feet wide as an approach for passengers at the upper side of Pier, new 1, North river, and that on the 2d inst. he had been directed to lay a sidewalk along the southerly side of the approach to said pier and boat

landing, and to drive such spring piles at the outer end of the pier as may be necessary to secure safe landings for steamers,

On motion, the action of the Commissioners was approved.

The following communications were received from the Comptroller :

1. Dated June 25, 1879, advising that application had been made to said Department for the substitution of Michael Noonan and Thomas Canavan as sureties on the proposal of J. M. C. Scully, for furnishing stone to this Department, in place of John Garvey and Michael Flanagan, the parties originally offered.

2. Dated June 30, 1879, advising that Thomas Canavan desires to withdraw his consent to become one of the sureties on the proposal of J. M. C. Scully, for furnishing stone to this Department.

3. Under date of July 1, 1879, advising the substitution of John Loughran, on proposal of J. M. C. Scully, in place of Thomas Canavan ; and, being read,

On motion, it was

Resolved, That in compliance with the requirements of section 27, chapter VIII, of the Revised Ordinances of the City of New York, the consent of this Board be and is hereby given to the substitution of Michael Noonan and John Loughran in place of John Garvey and Michael Flanagan as sureties to the contract awarded to John M. C. Scully for furnishing small cobble and rip rap stone.

The Auditing Committee presented an audit of twenty bills or claims, amounting in the aggregate to the sum of \$9,866.56 ; and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with the proper requisitions for the amount, to the Finance Department for payment.

A report was received from the Engineer-in-Chief, submitting draft of contract, specifications, and plans for building Pier, new 26, on site of Pier, old 37, North river, on lines lately approved by the Commissioners of the Sinking Fund ; and, being read,

On motion, it was

Resolved, That the form of specifications and contract as prepared by the Engineer-in-Chief, for building Pier, new 26, North river, be and is hereby approved and adopted, subject to the approval of the Counsel to the Corporation as to form, and that the Secretary be and is hereby directed to have a sufficient number of blank forms of proposals printed and proper advertisements inviting bids for doing said work inserted in the newspapers designated by law.

On motion, Simon Fitzsimmons was appointed as a Night Watchman, and Elind Manville and Timothy Ring, Night Watchmen, were discharged.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held July 10, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

A communication was received from John M. C. Scully, asking that he be allowed the use of the pier between Piers, new 37, and new 38, North river, for the storage of material to be delivered under his contract to this Department. Application denied, his contract with the Department not having yet been executed by him.

Beverly S. Tyler, captain of the schooner "Oscar F. Hawley," and Captain Sloan, of the Department steam tug "Manhattan" appeared, and being heard in reference to the collision on the 1st of June last between said vessels,

On motion, the Communication from Beverly S. Tyler and the report of the Engineer-in-Chief, in reference to the damage done to said schooner, were taken from the table and placed on file, and the following preamble and resolution adopted :

Whereas, A claim in the sum of \$90.24 has been presented to this Board for the cost of repairing damage done to schooner "Oscar F. Hawley," of Port Jefferson, on 2d June last, in consequence of collision with steamer "Manhattan," belonging to this Department ; and

Whereas, The captain and crew of said schooner, and the captain of said steamer, have appeared before this Board and been heard at length as to the circumstances under which said collision took place ; and

Whereas, The captain of said schooner has decided to accept, in compromise of said claim of \$90.24, the sum of \$50 ; be it therefore

Resolved, That a voucher in favor of Beverly S. Tyler, captain of the said schooner, for the sum of \$50 in full settlement of the damage referred to above, be approved by this Board, and transmitted to the Finance Department for payment.

On motion, Nicholas Murphy was appointed Foreman at East Seventeenth street yard, in place of Jonas W. Millsbaugh, resigned.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held July 16, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held June 21, July 9 and 10, 1879, were read and approved.

The following communications were received, read, and

On motion, laid on the table, to await action as stated, to wit :

From New York and Manhattan Beach Railway Company, lessee—To have dredging done at pier at Twenty-third street, East river. Engineer-in-Chief directed to examine and report as to what extent dredging is necessary to be done at said premises.

From D. S. Balcock, President Providence and Stonington Steamship Company, occupant of Pier, old 29, North river—Asking that a lease be granted to him for a term of years, of said pier.

From Department of Public Charities and Correction—To have repairs made to bulkhead at Bellevue Hospital. Engineer-in-Chief directed to examine and report as to the repairs required at said premises.

From Scott & Co., lessees—To have repairs made and dredging done at pier at Thirty-fifth street, North river. Engineer-in-Chief directed to examine and report as to the repairs necessary to be made and dredging done at said premises.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Finance Department—Returning the proposal of Dwyer & Lydon, without approval of the sureties for contract awarded to them.

From Edward Cooper, Mayor—Requesting that publications and maps of this Department for the years 1878 and 1879 be forwarded to him. The Secretary reported that all publications of the Department for 1878 and 1879 had been forwarded to the Mayor as requested.

From Old Colony Steamboat Company—Accepting terms of resolution adopted July 9, in reference to the erection of a platform at north side of Pier, old 28, North river.

From Comptroller—Advising his approval of the sureties for the contract awarded to John M. C. Scully, on May 7, 1879.

From Department of Public Charities and Correction—Asking that a stationary pile-driver be loaned for the completion of some work at Blackwell's Island. Secretary directed to advise in reply that this Department has no stationary pile-driver.

From Engineer-in-Chief—

1. Report in reference to spring fender piles required to be replaced at Pier, new 1, North river. Action of the Commissioners on the 11th inst, in ordering the Engineer-in-Chief to replace said fender piles, in accordance with his report, approved.

2. Report as to work performed during week ending July 12, 1879.

3. Report, stating that to make the repairs necessary to Pier at Seventy-ninth street, North river, would cost about \$120. Application of Thomas Fitzpatrick (2d), lessee, to have said repairs made, taken from the table and placed on file, and the Engineer-in-Chief directed to do the work in accordance with his report.

4. Report, stating that the repairs necessary to be made at the end of pier at Twenty-third st., East river, would cost about \$100. Communication from the Police Department in reference said repairs taken from the table and placed on file, and the Engineer-in-Chief directed to repair premises in accordance with his report.

5. Report, stating that to make a depth of ten feet at mean low water, between Piers 56 and 57, river, will require the removal of about 6,400 cubic yards of mud. Secretary directed to W. H. Wood, lessee of said premises, that in accordance with the notice read at the public held March 13, 1879, under which the lease of said premises was purchased by him, the necessary dredging at said premises must be performed by him at his own cost and expense. Application of W. H. Wood, to have said dredging done, taken from the table and placed on file.

6. Report, stating that to make a depth of ten feet at mean low water at bulkhead at Twen-street, East river, would require the excavation of about 1,000 cubic yards of mud. Engineer-in-Chief directed to make requisition for necessary dredge, scows, and labor to excavate and remove said premises about 1,000 cubic yards of mud, in accordance with his report. Application of J. Atkins, Superintendent, lessee of said premises, to have dredging done thereat, taken from table and placed on file.

From Joseph H. Tooker, Superintendent "Plymouth Rock"—To erect sign on Pier, new 1, East river. Application denied.

The Auditing Committee presented an audit of fourteen bills or claims, amounting in the aggregate to the sum of \$3,194.42, and being read, was

On motion, accepted and adopted, and the Secretary directed to forward the said bills, therewith proper requisitions to the Finance Department for payment.

A communication was received from the Old Dominion Steamship Co., requesting that certain alterations be made in the shed on Pier, new 43, North river, to be occupied by them, and a report was received from the Engineer-in-Chief, stating that the alterations required, together with the laying of about fifty oak fender piles would cost about \$300.

On motion, the Engineer-in-Chief was directed to make the alterations and repairs to said premises, in accordance with his report.

On motion, it was

Resolved, That permission be and is hereby granted to the Old Dominion Steamship Co., temporary occupants of Pier, new 43, North river, to extend their offices on the northerly side of the shed about twenty feet, and to remove the partitions, wash basins, etc., between the two offices on southerly side, so as to make one large room, provided that said alterations shall be made by the Company at their own cost and expense, and under the supervision of the Engineer-in-Chief of the Department, and the partitions, basins, etc., replaced, if this Department shall require it, in the same condition as they are at present.

A communication was received from Edward Cooper, Mayor, transmitting a copy of resolution 601 of the Board of Aldermen, in reference to granting to the East River Coal Co. the right to place and keep a platform and tramway, from the bulkhead, opposite Nos. 23, 24 and 25 East street, to said buildings, and requesting that the Department examine into the same and report to the Board on the 18th inst., and, being read, was

On motion, laid on the table, and the Engineer-in-Chief directed to examine and report as to whether any objection exists to the placing on the said premises the aforesaid platform and tramway.



On motion, the application of Peter McDonnell, to erect platform on pier at Thirty-ninth street, North river, was taken from the table and placed on file, and the applicant notified that this Department has no objection to his placing and retaining, under the supervision of the Engineer-in-Chief of this Department, on the south side of pier at Thirty-ninth street, North river, a platform sixty feet long and seven feet wide, the consent of the lessee of said premises, and also of the Harbor Master of the district, having been filed in this office, but the Department reserves the right to cause the removal of said platform at any time it may so elect.

On motion, the following resolution was unanimously adopted :

Resolved, That the Engineer-in-Chief be and hereby is directed to proceed with the construction of sufficient concrete base blocks for the bulkhead or river wall at the foot of Beach street, North river, and also that he be and hereby is directed to proceed with the construction of about 175 feet of said bulkhead wall, extending from about 20 feet south of the southerly line of Pier, new 26, North river, northerly to about the middle of the slip between Piers, new 26 and old 38, North river, upon the same plan as that of the Chambers street section of the bulkhead or river wall, and of a pier to be known as Pier, new 26, North river, and that all the work hereby ordered be performed otherwise than by contract, as required by subdivision 5 of section 6 of chapter 574, Laws of 1871, and that it be done by the force of the Department by day's work, except so much of the labor as is now or may hereafter be contracted for, and that all the material and dredging necessary therefor, not heretofore contracted for, or which may now hereafter be contracted for, be purchased by the Treasurer otherwise than by contract.

On motion, it was

Resolved, That the Engineer-in-Chief be and hereby is directed to repair and maintain in good order the fenders, fender piles, back logs, etc., at Pier, new 1, North river ; and also to repair and maintain in good order the approaches to said Pier, and to report from time to time the cost of such repairs, together with such information as he can obtain as to cause rendering the repairs, etc., necessary. It being understood that the cost of any special repairs made in conformity with this resolution shall not exceed the sum of \$250.

On motion, it was

Resolved, That permission be and the same is hereby granted to the Old Dominion Steamship Company to use and occupy Pier, new 43, North river, during the pleasure of the Board, subject to the rent stipulated for by resolution, August 14, 1878, and until Pier, new 26, North river, now in course of construction, shall be finished, and that said Pier 43 be and is hereby appropriated to the sole use of the special kind of commerce as carried on by the said company.

An application was received from the Pennsylvania Railroad Company, for permission to fill in south side of Pier 16, North river, and, being read, was,

On motion, laid on the table.

On motion, Commissioner Dimock was authorized and empowered to sign the contract, for furnishing small cobble and rip-rap stone, awarded to John M. C. Scully on May 7, 1879, as acting President of the Board.

On motion, it was

Resolved, That the Old Dominion Steamship Company be and is hereby permitted to use and occupy temporarily for their steamers such portions of Pier, old 37, North river, as may not be required by this Department in its work of constructing Pier, new 26, and the outer 380 feet of new 26, from the completion of the same, said company paying for the use thereof such rent as hereafter be determined upon by this Department.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held July 23, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held 16th instant were read and approved.

A communication was received from the Old Colony Steamboat Company, stating that it was its intention in making their application of the 14th instant, for the erection of a platform on the north side of Pier, old 28, North river, to have said platform extend from the bulkhead, a distance of 7 feet, instead of 55 feet, and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to the Old Colony Steamboat Company to extend the platform, now in course of erection under resolution of this Board, adopted July 9, 1879, at the bulkhead north of Pier, old 28, North river, a distance of 67 feet westerly from said bulkhead, instead of 55 feet; provided that the said company shall file in this Department, within ten days from date hereof, its written agreement to pay to the Department an additional sum of \$500 per annum, as rent for the land under water to be covered by the increased width of said platform, subject to the terms and conditions stipulated in said resolution of 9th instant.

The following communication was received, read, and,

On motion, laid on the table to await action, as stated, to wit:

From John M. C. Scully—Asking that he be permitted to erect a dumping-board on the remains of an old dock at One Hundred and Fifty-eighth street, North river. Applicant requested to furnish plans showing the proposed location and dimensions of the structure to be erected.

From Dayton Bros.—To erect a dumping-board between Fifteenth and Sixteenth streets, North river.

From S. A. Frost—Stating that repairs are necessary to be made to the west side of Pier 19, North river. Engineer-in-Chief directed to examine and report as to the nature of the repairs required, and Alexander Mason, lessee of said premises, notified to make the necessary repairs to premises in accordance with the terms and conditions of sale, held March 14, 1878, under which lease of said wharf property was purchased by him.

From A. E. Outerbridge & Co., agents—For permission to erect shed on Pier, new 47, North river.

From Engineer-in-Chief—

1st. Report as to cost of repairing bulkhead at Bellevue Hospital. Commissioners of Public Charities and Correction requested to be present at the meeting of this Board to be held on the 30th inst. in reference to the same.

2d. Communication as to repairs necessary to surface of pier at Thirtieth street, North river. Thomas Fitzpatrick, lessee, requested to call on the Commissioners in reference to the condition of said pier.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From James Sinclair & Co.—Protesting against the establishment of a manure dumping ground at the foot of East Twenty-ninth street. Secretary directed to state in reply that this Department has not set aside or leased the said premises for such purpose.

From Washburn & Co.—Asking that a lease of the bulkhead at Twenty-ninth street, East river, be granted to them.

Application denied, as this Department cannot grant a lease of said wharf property, except it shall be purchased at public auction.

Superintendent Butler directed to collect wharfage at said bulkhead for all vessels using the same. Engineer-in-Chief directed to examine and report the extent of dredging required at the said bulkhead to render it fit for commercial purposes.

From Health Department—In reference to the foul condition of the slip at Twenty-third street, North river, and the necessity of having dredging done thereat without delay. Secretary directed to advise in reply that at the date of the receipt of said communication, this Department had already commenced the work of dredging said slip.

From Pennsylvania Railroad Co.—Agreeing to pay the rent fixed by this Department for land under water on the south side of Pier 16, North river, to be covered by a platform constructed by said company.

From D. W. McLean—In reference to dredging of slip between Piers 56 and 57, East river.

From Counsel to the Corporation—Opinion as to the exclusive jurisdiction of this Department over the water front adjacent to the Battery Park wall.

From Engineer-in-Chief—

1st. Stating that to make the necessary repairs to piers at Hart's Island would involve an expenditure of about \$450.

Application of Department of Public Charities and Correction, to have repairs made to said piers, taken from the table and placed on file, and the Engineer-in-Chief directed to do the work in accordance with his report.

2d. Report as to work performed for week ending July, 19, 1879.

3d. Communication stating that the bulkhead on the south side of Pier, old 39, North river, adjoining the dumping-board, is in very bad order, and should be rebuilt for about fifty feet in length, at a cost of about \$500. Engineer-in-Chief directed to do the work in accordance with his report.

On motion, James P. Minster, lessee of pier at One Hundred and Seventeenth street, Harlem ~~ex~~, requested to call on the Commissioners in reference to the dredging required at said premises.

On motion, the Engineer-in-Chief was directed to examine and report what repairs are necessary to be made at bulkhead between Piers, old 20 and old 21, North river, also to repair the float landing small boats foot of Twenty-third street, North river, also to level the earth on the edge of the bulkheads between Piers, new 41 and new 43, North river.

On motion, the Secretary was directed to notify Chandler H. Loomis, contractor with the Department for doing dredging, to call upon the Treasurer in reference to the hire of dredging ~~ows~~ belonging to the Department.

On motion, the application of the Pennsylvania Railroad Company to fill in with solid filling along the old bulkhead line south of Pier 17, North river, was taken from the table and placed on ~~z~~, and the following resolution adopted :

Resolved, That permit be given to the Pennsylvania Railroad Company to repair bulkhead and fill in behind the same north of Pier 15, North river, between Liberty and Cortlandt streets, upon and easterly of the bulkhead line of 1857, and only wherever the same was filled in previously, the work to be done under the supervision of the Engineer-in-Chief of this Department.

On motion, it was

Resolved, That William Rainer be and hereby is appointed foreman of floating property, with pay at \$18 per week, to take effect on Monday next.

A communication was received from the Fire Department, stating that they had concluded that it would not be necessary to drive any piles at Pier, new 1, North river, for the berthing of the Fire Steamer "Havemeyer," and requesting that permission be granted for the erection of a telegraph pole on the bulkhead adjoining the pier, to connect said steamer by telegraph, and, being read,

On motion, the application from said Department for a berth for said steamer, dated July 3, was taken from the table and placed on file, and the following resolution adopted :

Resolved, That a berth be and is hereby set apart, during the pleasure of this Board, at the bulkhead on the south side of Pier, new 1, North river, for the Fire Steamer "Havemeyer," belonging to the city, and that the Fire Department be permitted to erect on the adjoining bulkhead, under the supervision of the Engineer-in-Chief of this Department, a telegraph pole for the purpose of connecting said steamer by telegraph ; provided that vessels desiring to obtain a supply of Croton water at the premises shall have the privilege of running their hose over said boat when she shall be moored thereat.

An application was received from Alexander Mason, lessee of Pier, new 47, North river, and the bulkhead forming the approach to Piers, new 46 and new 47, for consent to the assignment of the leases of the above mentioned wharf property to the Quebec & Gulf Ports Steamship Co. of Quebec, Canada ; and, being read,

On motion, it was

Resolved, That the consent of this Board be and is hereby given to Alexander Mason, to assign to the Quebec & Gulf Ports Steamship Co., of Quebec, the lease of Pier, new 47, North river, and the lease of the bulkhead, about 474 feet in length, extending along the east side of the approach to Piers, new 46 and new 47, North river; provided, that the said lessee and the sureties to the said leases shall agree in writing that their obligations under the provisions of said leases shall not be affected consequent upon such consent and assignment.

A report was received from the Engineer-in-Chief, stating that the platform and tramway proposed to be erected by the East River Coal Co., on the bulkhead opposite Nos. 23, 24, and 25 East street, will obstruct the free use by the public of the bulkhead for a width of about sixteen feet, and that said structure is of necessity of a permanent character; and being read, and the Secretary reporting that, by direction of the Commissioners, he had addressed a communication to Edward Cooper, Mayor, advising that if any power existed to authorize the erection of said structure, it is vested exclusively in this Department, and that the Department would decline to grant permission for its erection, etc.

On motion, the action of the Commissioners approved.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a special meeting of the Board of Docks, held July 23, 1879.

Present—Commissioners Dimock and Vanderpoel, and the Comptroller of the city.

On motion, Commissioner Dimock took the chair.

Three proposals were received for furnishing broken stone for concrete, as follows, to wit:

*About 2,400 Cubic Yards.*

No. 1. J. M. C. Scully, at \$1.90 per cubic yard.

No. 2. James H. Perkins, at \$1.49 per cubic yard.

No. 3. John A. Bouker, at \$1.70 per cubic yard.

—and being read, were

On motion, laid on the table for examination.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held July 24, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

A communication was received from the Comptroller, advising that John A. Bouker is not in arrear or arrears to the Corporation ; and, being read,

On motion, the proposals received and opened 23d July, for furnishing broken stone for concrete, were taken from the table, and the proposal of James H. Perkins declared irregular, the bid having been based on an accompanying sample of stone, and not on the quality called for by the specifications.

On motion, it was

Resolved, That the contract for furnishing broken stone be and is hereby awarded to John A. Bouker, of 60 South street, his bid for doing said work being the lowest under proposals publicly opened 23d July, 1879.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held July 30, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held July 23, 1879, were read and approved.

The following communications were received, read, and,

On motion, laid on the table, to await action as stated, to wit :

From N. Y. Central & Hudson River R. R. Co.—To have some filling in done at Pier, new North river, to facilitate the laying of railroad tracks on said pier. Engineer-in-Chief directed conference with said company as to the precise locality where they desire the filling to be placed.

From Jos. V. Brown, lessee—To have dredging done at pier at Fifth street and slip between streets 51 and 52, East river. Engineer-in-Chief directed to examine and report the amount of dredging required at said premises.

From Thomas Fitzpatrick, lessee—Stating the necessity of having the pier at Thirtieth street, North river, rebuilt. Engineer-in-Chief directed to examine and report as to the condition of the pier.

From Central Railroad Co. of N. J.—To build platforms, etc., at Piers 12, 13, and 14, North river.

The following communications were received, read, and

On motion, placed on file, action being taken where necessary, as stated, to wit :

From John A. Bouker Accepting to contract for furnishing broken stone, under award made on 24th instant.

From Finance Department Approving of sureties to proposal of John A. Bouker, for furnishing broken stone, opened 23d instant.

From John D. Tracy To place a gang-plank to floating dump at Bank street, North river.

From Old Colony Steamboat Company Agreeing to pay rent for land under water at Pier 28, North river.

From Henry H. Huclat, lessee To have dredging done at bulkhead, between Piers 20 and 21, East river.

Action of the Commissioners on 25th inst., in directing the Engineer-in-Chief to make requisition for necessary dredge, scows and labor, to excavate and remove about 1,500 cubic yards of mud from above premises, approved.

From C. H. Mallory & Co., lessees of east side of Pier 20, East river—To have dredging done thereat.

Applicants informed that in accordance with the terms and conditions of sale, held March 14, 1878, under which the lease of said premises was purchased by them, they are bound to do the necessary dredging at their own cost and expense, inasmuch as they have failed to notify the Department within three months from the commencement of the term of the lease as provided for in said terms of sale, that dredging was required at said premises.

From Edward Cooper, Mayor—Desiring that this Department examine and report on the application of James H. McMillen and Joseph D. Billard, Jr. (resolution 663, Board of Aldermen) for permission to erect and retain a platform scale for the weighing of ice, etc., at the foot of West Fifty-seventh street, 325 feet west of Eleventh avenue.

Secretary directed to advise in reply that the proposed location of said platform scale, etc., is situate 50 feet inside of the shore line, at the foot of Fifty-seventh street, and consequently is not within the jurisdiction of this Department.

From Old Dominion Steamship Company, lessees of Pier, new 43, North river—For use of portion of bulkhead adjoining said pier, for the boats supplying their steamers with coal. Superintendent of the district directed to allow said Company to occupy said bulkhead for such purpose without additional charge of wharfage.

From Engineer-in-Chief --

1st. Report as to work performed during week ending July 26, 1879.

2d. Report as to repairs needed to west side of Pier 19, East river. Communication from S. A. Frost, in reference to the condition of said pier, taken from the table and placed on file.

3d. Report, stating that to make the repairs required on pier at Twenty-eighth street, East river, would involve an expenditure of \$150. Engineer-in-Chief directed to make the repairs in accordance with his report.

The application of A. E. Outerbridge & Co., agents, lessee of Pier, new 47, North river, for permission to erect a shed thereon, was,

On motion, taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and is hereby granted to the Quebec & Gulf Ports Steamship Company, lessee, to erect and maintain, during the continuance of said company's lease of the

ises, a shed about 150 feet long, on Pier, new 47, North river, for the protection of property loaded and discharged thereat by steam transportation ; said shed to be constructed subject to regulations of the Superintendent of Buildings, as required by chapter 249, Laws of 1875, and accordance with plans to be first submitted to and approved by the Engineer-in-Chief of this Department, and the work to be done under the supervision of that officer.

An opinion was received from the Counsel to the Corporation, in reference to the title to the land under water between Seventh and Eighth streets, East river ; and, being read,

On motion, the application of the East River Ferry Company to erect ferry buildings, racks, wharves, etc., between Seventh and Eighth streets, East river, was taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and is hereby granted to the East River Ferry Co., lessee of ferry franchise and of wharf property claimed to be owned by it between Seventh and Eighth streets, East river, to drive piles and erect and maintain during the pleasure of this Board, on and about bulkhead between Seventh and Eighth streets, East river, such ferry racks, bridges, and buildings as may be necessary for the shelter of passengers carried by said ferry, and for the protection of property received and discharged thereat by steam transportation, the said buildings to be constructed subject to the regulations of the Superintendent of Buildings, as required by chapter 249, Laws of 1875, and all the work hereby authorized to be done in accordance with the same submitted this day, and under the supervision of the Engineer-in-Chief of this Department, being understood that the permission hereby granted is not hereafter to be construed as conferring any rights to the maintenance of the structures permanently, or except for the period during which they shall be assented to by the city, and that the previous rights of the parties to the water at and land under water covered by said ferry racks, buildings, etc., shall be unaffected by the permission hereby granted, and shall work no prejudice to the city in conducting any future improvements of the water front at or in front of the aforesaid premises.

Commissioners Brennan and Hess appeared in reference to the necessity of having repairs made to the bulkhead at Bellevue Hospital, East river, and being heard at length,

On motion, the communication from Department of Public Charities and Correction, to have repairs made to said bulkhead, was taken from the table and placed on file, and the Engineer-in-Chief directed to make the necessary repairs to said premises, at a cost not to exceed \$500.

The communication from the Engineer-in-Chief, recommending that the ends of about forty piles, on pier at Thirtieth street, North river, be drawn down with long spikes, was,

On motion, taken from the table and placed on file, and the Engineer-in-Chief directed to do the work as recommended by him.

A report was received from the Engineer-in-Chief, as to repairs necessary to be made to surface of pier at Thirty-fifth street, North river, and being read,

On motion, the application of Scott & Co., lessees, to have repairs made and dredging done at said premises, was taken from the table and placed on file, and the Engineer-in-Chief directed to have the surface of said pier, in accordance with his report, and the Secretary directed to notify the lessees that this Department has already contracted for the dredging of the slips at pier at Thirty-fifth street, North river.



On motion, John H. Starin, occupant of the east half of Pier 6, East river, was directed to repair the planking and the bulkhead extension to easterly side of said pier, from South to Front street, as it is reported as being in a dangerous condition.

On motion, the owner of the west side of Pier 18, East river, was directed to replank the same, as it is reported to this Department as being in bad condition.

The Auditing Committee presented an audit of thirteen bills or claims, amounting in the aggregate to the sum of \$9,866.25, and being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

A communication was received from Elisha Harris, M. D., requesting that he be furnished with certain information, maps, etc., regarding the water front of the city, and, being read,

On motion, the Engineer-in-Chief was directed to supply the information desired.

On motion, the Secretary was directed to request H. D. & J. U. Brookman, occupants of pier at Nineteenth street, East river, and New York Gas-light Co., occupants of pier at Twenty-first street, East river, to transmit to this office, without delay, such evidence as they may have regarding the title to the said piers respectively, as the water front at the foot of said streets is claimed to be the property of the city.

On motion, Richard Blake, night watchman, was discharged.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held August 5, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

On motion, the application of the Central Railroad Co., of New Jersey, to build platforms between Piers 12, 13, and 14, North river, was taken from the table and placed on file, and the following resolutions adopted :

Resolved, That permission be and is hereby granted to the Central Railroad Co., of New Jersey, occupants, to drive piles and erect platform, about 58 x 78 feet between Piers 12 and 13, and about 75 x 83 feet between Piers 13 and 14, North river, the westerly boundary of said platforms to be not less than 60 feet easterly of the new bulkhead line, and to erect and maintain on said platforms, during the pleasure of this Board, sheds for the protection of property received and discharged thereat by steam transportation; said sheds to be constructed subject to the regulations of the Superintendent of Buildings, as required by chapter 249, Laws of 1875; all the

[AUGUST 5, 1879.]

It is hereby authorized to be done under the supervision of the Engineer-in-Chief of this Department, and in accordance with plans to be first submitted to and approved by that officer; provided, the company shall file in this office, within ten days from the date hereof, its written agreement to this Department, as rent for the land under water owned by the City, covered by said forms, the sum of \$1,600 per annum, payable quarterly, in advance, from and after November 1879;

Resolved, That permission be and is hereby granted to the Central Railroad Co. of New York, occupants of Pier 13, North river, to remove, under the supervision of the Engineer-in-Chief of this Department, such portions of the southerly and northerly sides of said pier as are marked and colored green upon the plan filed in this Department.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held August 6, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held July 24 and 30, 1879, were read and approved.

A communication was received from the Department of Public Works, requesting that permission be granted it to retain the public bath as located outside the Battery wall; and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to the Department of Public Works to place and retain, during the pleasure of this Board, a free floating bath on the North river, outside of the Battery wall.

An application was received from A. E. Outerbridge & Co., agents, to lay water-pipes on Pier, new 47 and bulkhead adjoining, North river; and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to the Quebec and Gulf Ports Steamship Co., lessees of Pier, new 47, and bulkhead adjoining, North river, to lay on said premises, under the supervision of the Engineer-in-Chief of this Department, pipes, for the purpose of obtaining a supply of Croton water for their steamers, said pipes to remain only during the pleasure of this board.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit:

From Engineer-in-Chief—Report as to dredging required at bulkhead at Twenty-ninth street, east river, in order to make ten feet at mean low water.

From Lee Johnson—For permission to extend small dock situate in front of property owned by him at north side of Forty-ninth street, North river. Engineer-in-Chief directed to examine and report as to the condition of the premises.

From Henry F. Goodwin—To use portion of Pier 53, East river, as a landing for steam launch.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Department of Public Works—Requesting that fenders be replaced at floating bath at Fifth street, East river. Secretary reporting that on 31st ultimo the Engineer-in-Chief had been directed to do the work required, action of the Commissioners approved.

From William Hill—For permission to insert drain-pipe in bulkhead opposite No. 42 South street, to carry off roof-water from said premises. Permission granted, the work to be done under the supervision of the Engineer-in-Chief of this Department.

From E. W. McClave & Co.—In reference to their lumber ordered to be removed from bulkheads on the North river.

From C. H. Delamater & Co.—In reference to material ordered to be removed from bulkhead at Thirteenth street, North river.

From Engineer-in-Chief—

1st. Recommending that the tin roof and portions of the shed on Pier, new 43, North river, be painted, at a cost of about \$150. Engineer-in-Chief directed to do the work in accordance with his report.

2d. Report as to work performed during week ending August 2, 1879.

3d. Stating that a mooring-post and some fender piles were required at the pier at the Gansevoort street yard, North river. Engineer-in-Chief directed to do the work in accordance with his report, at a cost of about \$100.

4th. Recommending that application be made to the Department of Public Parks for permission to take up the asphalt pavement near the Battery boat landing and to lay a drain-pipe, 15 feet in length, to the sewer thereat in order to drain the reclaimed land adjacent to Pier, new 1, North river. Secretary reporting that application had been made to the Department of Public Parks for the desired permission, action of the Commissioners approved.

5th. Report as to the erection of shed on Pier 1, East river.

6th. Report, stating that 8 fender-piles should be driven and fastened at the platform in front of the bulkhead adjoining the south side of Pier 22, North river. Secretary directed to notify the lessees of said bulkhead to make the necessary repairs.

7th. Report as to dredging required at pier at Twenty-third street, East river. Application of N. Y. Manhattan Beach Railway Co., lessees, taken from the table and placed on file, and the Engineer-in-Chief directed to make requisition for the necessary dredge, scows and labor to excavate and remove from said premises about 800 cubic yards of mud.

8th. Report as to dredging required between Piers 51 and 52, East river. Application of Jos. V. Brown, lessee, taken from the table and placed on file, and the Engineer-in-Chief directed to make requisition for the necessary dredge, scows and labor to excavate and remove from said premises about 1,500 cubic yards of mud.

The communications from James P. Minster, lessee, and John M. Theisy, and the report of the Engineer-in-Chief in reference to the dredging required to be done at pier at One Hundred and Seventeenth street, Harlem river, were,

On motion, taken from the table and placed on file, and the following resolution adopted :

Resolved, That James P. Minster, purchaser at public sale held March 13, 1879, of the lease of Pier at One Hundred and Seventeenth street, Harlem river, be and is hereby notified and directed to dredge the slips adjacent to said pier so as to secure a depth of seven feet at mean low water ; and that if said lessee fails and neglects to commence the work of dredging said slips within twenty days from receipt of this notice, then and in such case this Department will proceed to do the work at the cost and expense of said lessee ; the work to be done under the supervision of the Engineer-in-Chief of this Department, who estimates that the excavation and removal of 3,000 cubic yards will be necessary to secure the desired depth of seven feet.

On motion, Thomas McFadden was appointed a laborer.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a special meeting of the Board of Docks, held August 6, 1879.

Present—Commissioners Dimock and Vanderpoel, and the Comptroller of the City.

On motion, Commissioner Dimock took the chair.

Six proposals were received for building a wooden pier at the foot of Beach street, to be known as Pier, new 26, North river, as follows, to wit :

No. 1. John Gillies, for .....	\$42,263 00
No. 2. Charles Guidet & I. Eugene White, for .....	44,625 00
No. 3. Holmes Brothers, for .....	39,888 00
No. 4. Moses Engle, for .....	39,843 41
No. 5. Thomas Walsh & Augustin Walsh, for .....	39,000 00
No. 6. P. Sanford Ross & Joseph P. Sanford, for .....	41,400 00

—and, being read, were,

On motion, laid on the table for examination.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

**At a meeting of the Board of Docks, held August 7, 1879.**

**Present—Commissioners Dimock and Vanderpoel.**

**On motion, Commissioner Dimock took the chair.**

**A communication was received from the Comptroller, advising that Thomas & Augustin Walsh are not in default or arrears to the Corporation, and, being read,**

**On motion, the six proposals for building a wooden pier on the site of Pier, old 37, North river, to be known as Pier, new 26, North river, opened the 6th instant, were taken from the table and placed on file, and the following resolution adopted, to wit :**

**Resolved, That the contract for removing all that part of Pier, old 37, North river, and platform adjoining, which lies westerly of a line 65 feet easterly of the new bulkhead line, except the sheds, fenders, fender-piles, the deck plank and sheathing of said pier, and the crib work below low-water mark, and preparing for and building a new wooden pier on the site of the said Pier, old 37, to be known as Pier, new 26, North river, be and is hereby awarded to Thomas & Augustin Walsh, of 114 Wall street, their bid for doing said work being the lowest under proposals publicly opened August 6, 1879.**

**On motion, the Board adjourned.**

**EUGENE T. LYNCH, Secretary.**

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**At a meeting of the Board of Docks, held August 13, 1879.**

**Present—Commissioners Dimock and Vanderpoel.**

**On motion, Commissioner Dimock took the chair.**

**The minutes of the meetings held August 6, 1879, were read and approved.**

**The following communications were received, read, and,**

**On motion, laid on the table to await action as stated, to wit :**

**From New York Gas Light Company—In reference to title to pier at Twenty-first street, East river.**

**From John G. Dale, agent—In reference to obtaining a lease of Pier, new 37, North river. Engineer-in-Chief directed to examine and report what repairs are necessary to be made to said pier.**

**From John P. Joralemon—In reference to repairs to bulkhead adjoining Pier 48, East river. Engineer-in-Chief directed to examine and report what repairs are required on that portion of the bulkhead adjacent to Pier 48, owned by the city.**

**From Central Railroad Company of New Jersey—Enclosing plans and specifications of buildings to be erected at Piers 12, 13, and 14, North river. Referred to Engineer-in-Chief for examination and approval.**

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From Central Railroad Company of New Jersey—Agreeing to pay rent for the land under water to be covered by platforms at bulkheads between Piers 12, 13, and 14, North river.

From Engineer-in-Chief—

1st. In reference to the large amount of refuse brewery grains deposited by the sewer at One Hundred and Sixth street, Harlem river, and recommending that the Department of Public Works be requested to take such action as may be necessary to abate the nuisance. Secretary reported that a communication had on the 7th instant been addressed to said Department on the subject ; action of the Commissioners approved.

2d. Report as to work performed for week ending August 9, 1879.

From Department of Public Parks—Consenting to a drain-pipe being laid adjacent to the boat landing at Pier, new 1, North river, in order to facilitate the drainage of the land recently reclaimed thereat.

From Felix Dougherty, lessee—As to the repairs necessary to be made to pier at Bloomfield street, North river. Engineer-in-Chief directed to report repairs necessary.

From T. & A. Walsh—Accepting to contract for building Pier, new 26, North river, under award made on 7th instant.

From Finance Department—Approving of sureties to proposal of T. & A. Walsh for building Pier, new 26, North river, opened the 6th instant.

From Henry B. Turner—To have dredging done at his bulkhead between Twenty-second and Twenty-third streets, East river. Applicant informed that this Department is not authorized to expend any portion of the proceeds of dock bonds for the work of dredging water front owned by private parties.

An application was received from E. A. Cruikshank & Co., agents for the owners of Pier 3, North river, asking that permission be granted for making necessary repairs to said premises, and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to E. A. Cruikshank & Co., agents for the owners of Pier 3, North river, to drive piles and repair the premises within the lines of the present structure ; all the work hereby authorized to be done under the supervision of the Engineer-in-Chief of this Department.

A report was received from the Engineer-in-Chief stating that he had caused the removal of the sunken canal boat at the pier at Twenty-second street, East river, at a cost of \$108.06, and, being read,

On motion, it was

Resolved, That the Treasurer be and is hereby authorized and directed to prepare a statement of claim in the sum of \$108.06, and present the same to Washburn & Co. for payment, being for expense incurred of removing sunken canal boat from the slip at foot of Twenty-second street, East river, on the 18th and 19th days of July last.

On motion, the Engineer-in-Chief was directed to examine and report what repairs are necessary to be made to the pier at Forty-sixth street, East river, occupied by the Police Depart-

ment for dumping board, etc., Superintendent Butler having reported that the inshore end is in an unsafe condition.

On motion, Philip Muldoon and Terence Bannon were appointed laborers, and Patrick Reilly and Patrick Moynihan, night watchmen, discharged.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held August 22, 1879.

Present Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held August 7 and 13, 1879, were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From Department of Public Works—For permission to cut through the bulkhead at the foot of Montgomery street, East river, in order to construct a culvert thereat. Engineer-in-Chief directed to consult with the Commissioner of Public Works in reference to said application.

From Police Department—Requesting that the sunken canal boat at the foot of Seventeenth street, East river, be removed, as it interferes with the free access to the dumping board at that place. Engineer-in-Chief directed to examine and report an estimate of the cost of removing the obstruction.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Department of Public Works—Requesting that the dredging ordered to be performed at Piers 51 and 52, East river, be deferred until after the removal of the public bath now moored in the slip between said piers.

From R. S. Roberts—In reference to the occupation of certain slips on the East river by sectional docks.

From E. W. Jacobs—For permission to insert a six-inch drain pipe in the bulkhead at Pier 7 North river, and enclosing consent thereto of the owner and occupant of the premises. Permission granted, the work to be done under the supervision of the Engineer-in-Chief of this Department and the pipe to remain during the pleasure of this Board.

From Benjamin B. Aycrigg—For permission to drive piles and repair bulkhead at foot of Corlears street, East river. Permission to make the repairs within the existing lines of the structure, under the supervision of the Engineer-in-Chief, having been given by the Commissioners at 21st instant, such action confirmed.

**From Engineer-in-Chief—**

1st. Report as to work performed during week ending August 16, 1879.

2d. Report and tracing of premises between Forty-ninth and Fiftieth streets, North river. Application of Lee Johnson to extend his dock on the north side of Forty-ninth street, North river, taken from the table and denied.

3d. In reference to the repairs required at the pier at Bloomfield street, North river. Application of Felix Dougherty, lessee of said pier, to have this Department repair the premises, taken from the table and placed on file, and the lessee directed to make the necessary repairs to the surface of said pier in accordance with the terms and conditions of sale held March 14, 1878, under which the lease of the pier was purchased by him.

The Auditing Committee presented an audit of eighteen bills or claims amounting in the aggregate to the sum of \$3,143.22 ; and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount to the Finance Department for payment.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held August 28, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held August 22, 1879, were read and approved.

An application was received from the Staten Island Railway Company, lessee of bulkhead, etc., west of Pier 1, East river, for permission to repair the premises occupied by them, and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to the Staten Island Railway Company, lessee of bulkhead, etc., west of Pier 1, East river, to repair, under the supervision of the Engineer-in-Chief of this Department, the premises within the lines of the present structure, provided that in doing the work no old timber or other debris be thrown into the river.

A communication was received from the Board of Commissioners of Pilots, requesting this Department to withhold all moneys now due to the contractors for removing dredged material until the complaints recently made against them for depositing said material at points in the harbor not signified by law shall be investigated by said Commissioners, and it can be ascertained whether the charges are justified by the facts of the case. Secretary directed to advise in reply that this Department will comply with the request of said Board in reference to withholding moneys due said contractors, and requesting that the results of the investigation of said Commissioners of Pilots, as to the said violations of law, be transmitted to this Department as soon as possible.



The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From George V. Hecker & Co.—For permission to repair iron drain-pipe under Pier 44, East river. Action of the Commissioners in granting, on the 23d, instant, the permission asked for, approved.

From Engineer-in-Chief the following reports :

1st. As to work performed during week ending August 23, 1879.

2d. Stating that there appeared to be no objection to cutting through the bulkhead at Montgomery street, East river, in order to construct a culvert thereat, as applied for by the Department of Public Works. Communication from said Department taken from the table and placed on file, and the Secretary directed to advise that this Department has no objection to the construction of the culvert at said bulkhead, provided, that the work be done under the supervision of the Engineer-in-Chief of this Department ; and that the premises are claimed to be owned by private parties.

3d. Stating that the repairs necessary to be made to the bulkhead adjoining the west side of Pier 48, East river, would involve an expenditure of about \$100. Communication from J. P. Joralemon, in reference to said repairs, taken from the table and placed on file, and the Engineer-in-Chief directed to do the work in accordance with his report.

4th. Stating that fender and mooring piles and other small repairs were required at the bulkhead at the Department yard at East Seventeenth street. Engineer-in-Chief directed to do the work, in accordance with this report, at an expense of about \$300.

5th. Stating that the repairs necessary to be made to the runway at the dumping board on pier at Forty-sixth street, East river, would cost about \$500. Engineer-in-Chief directed to do the work in accordance with his report.

6th. Stating that to remove the sunken canal boat adjacent to the dumping board at Seventeenth street, East river, would cost about \$150. Application from Police Department, in reference to said obstruction, taken from the table and placed on file, and the Engineer-in-Chief directed to remove the sunken boat in accordance with his report.

From Counsel to the Corporation—Transmitting copy of order of court in reference to acquisition of title to Pier, old 44, North river.

From W. T. Romaine, Clerk of West Washington Market—Reporting that the inner end, northerly half of Pier 22, North river, is in a dangerous condition, and requesting this Department to place said premises in proper repair for use. Secretary directed to notify the owners of the approach to the northerly side of Pier 22, North river, to make, under the supervision of the Engineer-in-Chief of this Department, the necessary repairs to said premises.

A report was received from the Engineer-in-Chief, reporting delivery and return of boring machine "Woodcock," loaned to the Metropolitan Elevated Railway Co. ; and, being read,

On motion, it was

Resolved, That the Treasurer be and is hereby authorized and directed to prepare a statement of claim in the sum of \$360, and present the same to the Metropolitan Elevated Railway Company for payment, being for use of the boring machine "Woodcock," from May 26 to August 20, 1879.

The Auditing Committee presented an audit of 13 bills or claims, amounting in the aggregate to the sum of \$1,331.75 ; and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount to the Finance Department for payment.

Captain J. Vosburgh appeared before the Board and stated that quantities of old timber and crib-work had been set adrift in the North river, below Cortlandt street, by the parties engaged in making repairs to wharf property situated below that point, which had caused damage to the wheels of passing steamboats, and requesting that action be had to prevent such practice in future ; and, being heard at length,

On motion, the Secretary was directed to address communications to the Pennsylvania Railroad Company, lessee of ferry premises foot of Cortlandt street, the Central Railroad Co. of New Jersey, lessee of Piers 12, 13, and 14, and E. A. Cruikshank & Co., agents for the owners of Pier 3, North river, stating that in the work now being carried on by them respectively, at the above-named premises, quantities of old timber and other debris have been set adrift in the river, impeding navigation and causing damage to passing steamboats, and that heavy penalties are imposed for such violations of law, and requesting that they issue such directions to the parties in charge of the work as will promptly abate the evil complained of.

On motion, the Secretary was directed to request O. J. Geer to call upon the Commissioners a reference to lease of Piers, new 27 and 28, North river, proposed to be built.

On motion, Matthew Lyon and John Brown were appointed laborers.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held September 4, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held August 28, 1879, were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From Police Department—To have dredging done around the dumping board at Twenty-first street, North river. Engineer-in-Chief directed to examine and report the amount of dredging required at said premises to accommodate the boats of the Bureau of Street Cleaning.

From George N. Williams, on behalf of the Taxpayers' Association of the Nineteenth Ward—stating the necessity of having additional wharf accommodations provided in the vicinity of sixtieth street, East river, and asking that a pier be built by the Department at the foot of said street. Engineer-in-Chief directed to examine the water front at that point and report as to the advisability of building a dock thereat, with an estimate of the cost of a suitable structure.

From Engineer-in-Chief—As to repairs necessary to Pier, new 37, North river.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Warren Roosevelt For permission to drive about twenty piles underneath, and twelve fender piles on the easterly side of Pier 49, East river. Permission granted, the work to be done under the supervision of the Engineer-in-Chief of this Department.

From West Side and Yonkers Railway Company—For loan of the Woodcock Boring Machine for temporary use on Harlem river, application granted. Engineer-in-Chief directed to deliver the boring machine, provided said Company shall deliver to him a written agreement to pay as rent for the use thereof at the rate of five dollars per day, to furnish all labor necessary, and return said machine in as good order and condition as when received.

From Department of Public Works Stating that the parties suspected of discharging refuse grain into the sewer at One Hundred and Sixth street, Harlem river, had been notified to discontinue such practice or the penalty for such illegal act would be enforced.

From Engineer-in-Chief, the following reports :

1st. As to work performed during week ending August 30, 1879.

2d. Stating that T. & A. Walsh, contractors for removing part of Pier, old 37, North river, etc., and building on the site thereof Pier, new 26, had been notified by him on the 27th of August last to commence the work embraced under their contract.

From Stephen A. Jenks & Co. For permission to drive 16 fender piles on the west side of Pier 20, East river, and to rebuild about 100 feet of bulkhead between Jackson and Corlears streets. Application granted, the work to be done upon the lines of the present structures, under the supervision of the Engineer-in-Chief of this Department.

On motion, the Secretary was directed to address a communication to the Department of Public Works, advising that, when the lease of the Pier at Thirty-fifth street, North river, was disposed of at public sale held March 13, 1879, it was understood that this Department was to do certain dredging thereat, when notified by the lessee that the same was required. That the lessee some time since, requested this Department to dredge the slip adjacent to said pier, but the work has not been performed in consequence of a desire not to interfere with the use by the public of the bath located thereat by said Department of Public Works, and that, in view of the inconvenience already sustained by the lessee, owing to the work of dredging being so long deferred, and of the fact that his lease expires on the first of May, 1880, the Commissioners desire to suggest the propriety of closing said bath for the season, in order that the dredging of the slip may be performed.

On motion, Michael Farrell and Michael McMahon were appointed laborers, and Randolph Gardniere, Night Watchman, discharged.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held September 5, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

A communication was received from the Comptroller, inclosing a certified copy filed with him of bill of costs of Commissioners of Estimate and Assessment in the matter of the application of the Department of Docks, for and in behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring right and title to and possession of Pier, old 44, North river, in the City of New York, as confirmed by the Supreme Court on August 27, 1879, amounting to the sum of \$3,530; and, being read,

On motion, it was

Resolved, That the Chief Clerk be directed to prepare for audit the amounts severally contained in the said bill of costs, and that the same be transmitted to the Finance Department for payment with the next audit of the Department.

A communication was received from the Counsel to the Corporation, advising that in the matter of the application of the Department to acquire title to Pier, old 44, North river, the corporation has now, and has been, since August 27, 1879, the date of the entry of the order of the Supreme Court, confirming the report of the Commissioners of Estimate and Assessment, appointed therefor, seized in fee of the said pier, and that under the law there is no reason why the Department should not take possession at once, and immediately begin the execution of the plans for the permanent improvement of the water-front at that point, and inclosing a certified copy of the said report of the Commissioners of Estimate and Assessment, which states that Wm. Inman, of Upton Manor, Birkenhead, England, is possessed of the only right, title, and interest to the said pier, other than that of the corporation, and that the value of his right, title, and interest is the sum of \$200,000 and, being read,

On motion, the following resolutions were adopted:

Resolved, That the Commissioners of the Sinking fund, pursuant to the authority vested in them by subdivision 11 of section 6, chapter 574, Laws of 1871, be and are hereby respectfully requested to direct the Comptroller of the City of New York to prepare and issue "Dock Bonds of the City of New York," for the amount of (\$203,530) two hundred and three thousand five hundred and thirty dollars, for the uses and purposes of the Department of Docks.

Resolved, That the Chief Clerk be and hereby is directed to prepare a claim, in the name of said Wm. Inman, for the sum of \$200,000, and that it be transmitted to the Finance Department for payment with the next audit of the Department.

Resolved, That the Engineer-in-Chief be and hereby is directed to proceed with the construction of sufficient concrete base blocks for the bulkhead or river wall between the Clarkson street section and the Spring street section of the same, and also that he be and hereby is directed to proceed with the construction of about 305 feet of said bulkhead or river wall, extending from the northerly end of said wall now built between Piers, new 35 and old 44, to the southerly end of said wall now built between Piers, old 44 and new 37, upon the same plan as that of the Clarkson street section of the bulkhead or river-wall, and of a pier to be known as Pier, new 37.

North river, and that all the work hereby ordered be performed otherwise than by contract, as required by subdivision 5 of section 6 of chapter 574, Laws of 1871, and that it be done by the force of the Department by day's work, except so much of the labor as is now, or may hereafter, be contracted for, and that all the material and dredging necessary therefor, not heretofore contracted for or which may not hereafter be contracted for, be purchased by the Treasurer otherwise than by contract.

On motion, the Secretary was directed to notify John G. Dale, agent, that the Counsel to the Corporation having advised this Department that the title to Pier, old 44, North river, is vested in the city, this Department will collect wharfage from all vessels using the premises from and after this date.

On motion, the Secretary was directed to notify John M. Smith, Superintendent of Docks, to collect wharfage from all vessels using Pier, old 44, North river, from and after this date, the title of said premises being vested in the city.

On motion, the Secretary was directed to address a communication to Phelps, Dodge & Co., notifying them that the title to Pier, old 44, North river, has been acquired by the city, and that the structures thereon and adjacent thereto, will have to be removed, and that the tin and other merchandise now upon said pier and adjoining platform, claimed to be owned by them, must be removed forthwith, in order that this Department can proceed with the work of improving the water-front under the new plans adopted.

On motion, it was

Resolved, That the pay of Matthew J. Brennan, Assistant Draughtsman, be and hereby is fixed at the rate of \$18 per week, to take effect on the 2d September, 1879, and that James Dana, Jr., be and hereby is appointed Clerk to the Engineer-in-Chief, with pay at the rate of \$18 per week to take effect on the 2d September, 1879.

On motion, it was

Resolved, That the pay of John K. Murphy, Copyist, be and hereby is fixed at the rate of thirty cents per hour, to take effect from and after September 4, 1879.

An application was received from Miller, Schuyler & Co. and others, to have a bulkhead constructed by this Department between Sixtieth and Sixty-first streets, East river, to provide wharf accommodations claimed to be much needed at that point, and, being read,

On motion, the Secretary was directed to transmit to the Counsel to the Corporation a tracing of the water-front referred to, and advising that, so far as ascertained, no water grants have been issued by the city to any portion of the land under water in question, now sought to be improved, nor has the plan adopted by this Department for the improvement of the water-front in that vicinity ever been approved by the Commissioners of the Sinking Fund, and requesting said Counsel to render his opinion, in writing--

1st. As to the power of the Department to construct the proposed bulkhead, in view of the fact that the plans adopted by the Department of Docks for that section of the water-front of the city have never been approved, as by statute provided.

2d. As to whether, if this improvement be made as suggested, the owners of the upland referred to would have any cause of action against the city for damages sustained, or whether they would have any rights in and to the property so filled in in front of their premises.

3d. Whether or not the land when reclaimed, and lying inside of the proposed wharf structure, is under the jurisdiction of this Department, and whether the revenue for the same comes to the Department of Docks.

On motion, Charles W. Hunt was appointed Rodman.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held September 11, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held September 4, 1879, were read and approved.

An application was received from F. Alexandre & Sons, agents, New York, Havana & Mexican Mail Steamship Company, with plans for permission to repair and extend shed on Pier 3, North river, etc., and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to F. Alexandre & Sons, agents, New York, Havana & Mexican Mail Steamship Company, to repair the existing shed on Pier 3, North river, and extend the same easterly about 100 feet towards West street, with a front on the bulk-head extending about 80 feet southerly, with gateways opposite head of pier, for the protection of property received and discharged thereat by steam transportation; the consent of the owners of said premises to said improvements having been filed in this office; provided that the said extension and repairs be constructed subject to the regulations of the Superintendent of Buildings, as required by chapter 249, Laws of 1875, that all the work be done under the supervision of the Engineer-in-Chief of this Department, and in accordance with plans approved by that officer, and on file in this Department, and that the eastern boundary of said shed-front shall be at least 75 feet distant, westerly, from the east line of West street.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit:

From Austin Baldwin & Company—Asking that a lease be granted them for Pier, old 44, North river.

From Board of Commissioners of Pilots—Inclosing copy of evidence taken in reference to the charges against the Union Dredging Company, contractors with this Department, for dumping dredged material at points not designated by law. Commissioners to examine.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit:

From Department of Public Works—Requesting that the dredging required at the pier at thirty-fifth street, North river, be performed as rapidly as possible, as it may be desirable to reopen

the public bath located thereat. Secretary directed to advise that this Department will have said dredging done as rapidly as possible, and advise when the work is completed.

From Police Department—To have repairs made to bulkhead at Forty-sixth street, East river.

From West Side and Yonkers Railway Company—Agreeing to pay the charge fixed for the use of the "Woodcock" boring machine.

From John G. Dale, agent In reference to the occupancy and collection of wharfage at Pier, old 44, North river.

From Engineer-in-Chief—

1st. Report as to small repairs made to Pier, new 1, North river.

2d. Report as to work performed during week ending September 6, 1879.

From C. H. Marshall & Co.—In reference to the merchandise now incumbering Pier 23, East river, which prevents free access to the pier and retards the discharge of vessels berthed thereat. Secretary directed to forward to them the manual of the Department, calling attention to regulations 1 and 2, relating to goods and merchandise remaining on the piers and bulkheads of the city, and stating that the Superintendent of the district will enforce said rules if applied to.

The Auditing Committee presented an audit of twenty-one bills or claims, amounting in the aggregate to the sum of \$209,633.16, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

A communication was received from the Health Department, in reference to the condition of slip adjacent to pier at One Hundred and Sixth street, Harlem river, and, being read,

On motion, the Secretary was directed to state in reply that there appears to be sufficient depth of water at said pier for the class of vessels using the same, but owing to a Croton water pipe which is laid in the slip along the upper side of said pier, it is impossible to obtain a greater depth of water at that point than now exists, and requesting that said Department inform this Board what action on its part is necessary in the premises.

On motion, the Secretary was directed to notify the Police Department that parties are in the habit of dumping refuse and other material from the top of the bank at the foot of East Fifty-seventh street, which eventually slides into the river, and that as this is a violation of law, to request said Department to issue such directions to the officers in charge of the precinct as will abate the practice referred to.

On motion, the Union Ferry Company was directed to make the necessary repairs to the east side and outer end of Pier 21, East river, it being reported to this Department that the planking and timber are in bad condition.

On motion, the Engineer-in-Chief was directed to examine and report what repairs are necessary to the bulkhead between Piers 45 and 46, and the surface of Pier 37, East river.

On motion, Patrick White was appointed Watchman in place of John McLaughlin.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held September 18, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held September 5 and 11 were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From F. Perry—For position as Timekeeper in the Department.

From Fulton Market Fish Mongers' Association—To extend the boiler-house situate on the east side of Pier 22, East river.

From Engineer-in-Chief—As to cost of constructing dock at Sixtieth street, East river. George N. Williams heard in reference to his application to have a dock built at that point.

From Knickerbocker Ice Co.—For renewal of lease of Pier, new 41, North river.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Bolger & McMillen—To lease water-front between Fifty-seventh and Fifty-eighth streets, North river. Application denied, as this Department is not authorized to lease the property in question except at public auction.

From Finance Department—Requesting that the order, etc., in the matter of application to acquire title to Pier, old 44, North river, sent to this Department on September 4, be returned, in order that the same may be laid before the Commissioners of the Sinking Fund. Action of the Commissioners, in granting said request on 16th instant, approved.

From Superintendent McConkey—In reference to damage done to platform between Piers 18 and 19, East river. Secretary directed to notify the owners of the steam tug "James W. Husted" to repair the damage done to said premises, caused by cutting through the timber when relieving the said steam tug.

From Board of Commissioners of Pilots—Notifying this Department that suits had been entered against the Union Dredging Company and the Steamboat "Alanson Sumner" for \$10,000 penalties for cases heretofore reported under date of August 26 and September 6th and 10th. Secretary directed to advise in reply that this Department will be pleased to consult with their counsel and co-operate with him in the prosecution of said suits.

From Wm. E. Dodge, Jr. and others—In reference to the title to the bulkhead between Spring and Charlton streets, North river.

From S. L. Merchant—To have a test made of a barrel of American Portland Cement, manufactured in this State. Engineer-in-Chief directed to make a test as requested.

From N. McKay—Requesting that a description be furnished him of the manner in which the large béton blocks used in the construction of the bulkhead wall are manufactured. Secretary directed to furnish the necessary information.



From Engineer-in-Chief-

1st. Stating that the scow inclosed in the basin formed by the filling on the southerly side of Fifty-sixth street, North river, is rotten and entirely worthless.

2d. Report as to work performed during week ending September 13, 1879.

3d. In reference to dredging required at the dumping board at Twenty-first street, North river. Application of the Police Department, to have dredging done at said premises, taken from the table and placed on file, and the Engineer-in Chief directed to make requisition for necessary dredge, scows and labor to excavate and remove therefrom about 1,700 cubic yards of mud, in accordance with his report.

From O. H. Klemm --Resigning his position as Timekeeper in the Department. Resignation accepted.

On motion, the Secretary was directed to address a communication to E. A. Merritt, Collector of the Port of New York, referring to his order under date of 23d ultimo, in reference to the reporting of all violations of the State Laws and regulations relative to the protection of the Port and Harbor, and forwarding 250 cards showing the signal flags borne by the steam tugs, while towing scows with dredged material removed by this Department, and requesting him to furnish one of the said cards to each of the officers affected by the order above referred to, in order that all boats engaged in towing dredged material for this Department may be easily recognized by them.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held September 25, 1879.

Present—Commissioners. Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held September 18, 1879, were read and approved.

The following communications were received, read, and,

On motion, laid on the table, to await action as stated, to wit :

From Police Department—In reference to the condition of surface of Pier 19, East river. Secretary directed to notify Alexander, Mason, lessee of west side of said pier, to call upon the Commissioners without delay.

From Central Railroad Company of New Jersey—For permission to extend Pier 14, North river, at the outer end thereof. Commissioners to examine.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From James H. McMillen—For permission to erect and occupy a small bulkhead between Fifty-seventh and Fifty-eighth streets, North river. Applicant having been heard in relation to the matter, the permission asked for was denied.

From Ross & Sanford—Asking that the pile cutting machine belonging to the Department be lent to them for a few days. Application granted, and the Engineer-in-Chief directed to deliver the machine upon receipt of an agreement to pay for its use, at the rate of \$10 per day, furnish all necessary labor and to return the same in as good condition as when received.

From Board of Commissioners of Pilots—In reference to legal proceedings against the Union Dredging Company to recover penalties.

From Police Department—As to the filling in alleged to have been done at Fifty-seventh street, East river.

From New York Sectional Dry Dock Company—For permission to drive piles and erect platform in front of bulkhead, claimed to be owned by them, between Piers 48 and 49, East river. Application denied.

From Engineer-in-Chief, the following reports :

1st. As to the delivery and return of the boring machine "Woodcock," loaned to the Westchester & Yonkers Railway Company. Treasurer reported that said Company had paid for the use of the machine the sum of \$45, as per agreement.

2d. As to the delivery and return of pile drivers Nos. 2 and 9, loaned to Guidet & White.

3d. As to work performed during week ending September 20, 1879.

4th. As to repairs necessary to be made to bulkhead between Piers 45 and 46, East river. Secretary directed to notify the owners of said bulkhead to make the necessary repairs thereto, it being reported as in very bad condition, and requiring to be rebuilt for a distance of about 100 feet.

5th. In reference to repairs to piers and bulkheads ordered by this Department to be made by the owners and lessees thereof, and which have not yet been performed. Secretary directed to notify said owners and lessees to make the repairs to said premises without delay, in accordance with the notice already sent to them, or this Department will be compelled to take the necessary action to cause said repairs to be made at their cost and expense.

From John C. Seager—In reference to the wharfage due from steamer "Castlewood," while moored at Pier, old 44, North river. Secretary reported that by direction of the Commissioners, the 24th instant, said Seager had been notified that the said pier became the property of the city August 27, 1879, and that all wharfage accruing after that date is due and payable to this Department.

The Auditing Committee presented an audit of fifteen bills or claims, amounting in the aggregate to the sum of \$9,322.57; and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, the Engineer-in-Chief was directed to examine and report on the condition of the water-front between Thirty-sixth and Thirty-seventh streets, North river, complaint having been made to this Department that earth and refuse are being washed from the premises into the river.

On motion, the Secretary was directed to notify the Police Department that complaint had been made that the earth and street cleanings deposited during the past winter between Thirty-sixth and Thirty-seventh streets, North river, by the Bureau of Street Cleaning, are constantly washed

into the river, and requesting said Department to cause the removal of said materials to such an extent, at least, as shall abate the evil complained of.

A communication was received from the Engineer-in-Chief, as to the penalties imposed on contract of Cyrus J. Hall, and, being read,

On motion, it was

Resolved, That this Board hereby certify to the Comptroller that the failure of Cyrus J. Hall to complete the furnishing of granite stones for the bulkhead or river-wall within the time stipulated therefor, under his contract dated May 17, 1879, has not caused the corporation to sustain any loss or damage whatsoever, consequent upon other work intervening, and the stones being furnished, as directed by the Engineer, as rapidly as they could be used and placed in the work.

A communication was received from Edward Cooper, Mayor, in reference to resolution No. 746 of the Board of Aldermen, relative to the matter of acquiring title to Pier, old 44, North river, and requesting this Department to examine and report thereon on or before September 29th, inst., and, being read,

On motion, the Secretary was directed to acknowledge the receipt of said communication, and to transmit to his Honor the Mayor all the data possessed by this Department in reference to the acquisition by the city of the title to Pier, old 44, North river, and the reasons why the purchase of the property has been deemed desirable.

On motion, William Blanchard was appointed a laborer.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held September 26, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

An application was received from the Old Dominion Steamship Co., for permission to erect a small shed on Pier, new 1, North river, for the protection of merchandise landed by their steamers temporarily moored thereat, until Pier, new 26, North river, shall be completed by this Department for their use; and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to the Old Dominion Steamship Co. to erect and maintain, during the pleasure of this Board, a shed about 100 feet long, 30 feet wide, and 12 feet high, on Pier, new 1, North river, for the protection of property received and discharged thereat by steam transportation; said shed to be constructed subject to the regulations of

Superintendent of Buildings, as required by chapter 249, Laws of 1875, and in accordance with laws to be first submitted to and approved by the Engineer-in-Chief of this Department, and the work to be done under the supervision of that officer.

On motion, the following resolution was adopted :

Resolved, That a lease be and is hereby granted to the Old Dominion Steamship Co. for a berth of about 280 feet for one of their steamers on the south side of Pier, new 1, North river, for a term of four months, from 1st October, 1879, at the rate of \$400 per month, payable monthly, in advance, and that said berth be and is hereby appropriated to the sole use of the special kind of commerce, as carried on by southern coast steamships.

On motion, the Secretary was directed to address a communication to the Captain of the Port, notifying him that a berth on the south side of Pier, new 1, North river, has been this day appropriated and set apart for the sole use of the Old Dominion Steamship Co., and requesting him to direct the Harbor Master for the district to keep the said berth open for the use of said steamship company, and place them in possession of the premises upon their application.

Alexander Mason, lessee of the west half of Pier 19, East river, was present, in reference to the condition of the premises, and the necessity of repairs being made by this Department to the surface thereof ; and, being heard at length,

On motion, the communication from Police Department, in reference to the condition of said pier, was taken from the table and placed on file, and the Engineer-in-Chief directed to repair the surface of the west side of Pier 19, East river, at a cost of about \$450, and to do the work in conjunction with the owners of the easterly side thereof.

Commissioner Vanderpoel reporting that from a personal examination of the premises, he saw no objection to granting permission for the extension of the boiler-house on the east side of Pier 19, East river, as applied for by the lessees,

On motion, the application of the Fulton Market Fish Mongers' Association was taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and is hereby granted to the Fulton Market Fish Mongers' Association, lessees of easterly side of Pier 22, East river, to extend, under the supervision of the Engineer-in-Chief of this Department, the existing boiler-house situate on the east side of said pier, five feet in length and five feet in width, in accordance with the plans on file in this office.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held October 2, 1879.

Present --Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held September 25 were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From Engineer-in-Chief--Recommending that the crib-work between Thirty-sixth and Thirty-seventh streets, North river, should be built up to about five feet above mean low water, as in its present condition earth and refuse are constantly being washed into the river. Secretary directed to address a communication to the Police Department requesting to be advised what action, if any, has been taken by it towards removing the earth and refuse from the above premises, as requested by this Board on 25th ultimo, as it is imperative that action be taken by this Board to protect the water-front from further damage ; and to request Wm. H. Webb, owner of said water-front, to call at this office in reference to the dilapidated condition of the bulkhead between said streets.

From Board of Commissioners of Pilots--Stating that officers in charge of the steamers of the Anchor Line are in the habit of throwing mattresses into the slips at Piers 20 and 21, North river, upon arrival in port. Secretary directed to request Henderson Brothers, agents of said line, to call upon the Commissioners in relation to the above reported violation of law.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From G. B. Lawton --Stating the necessity for increased wharf accommodation on the North river, between West Eleventh and Fourteenth streets, and requesting that piers be built by this Department at that section of the water-front. Secretary directed to advise in reply that this Department is not authorized by law to construct, in that locality, piers of the dimensions claimed by him to be necessary, inasmuch as the established exterior pier and bulkhead line at the point named will not permit of piers being constructed of greater length than about 130 feet.

From New York, New Haven and Hartford Railroad Company--For permission to repair the bulkhead, between Piers 50 and 51, East river. Secretary reported that by direction of the Commissioners, on the 30th ultimo, permission had been granted to said company to repair the premises within the existing lines of the present structure. Action approved.

From Engineer-in-Chief, the following reports :

1st. As to quality of American Portland Cement submitted for test by S. L. Merchant.

2d. Stating that the superintendent of the lessee had made repairs to the surface of Pier 37, East river, and had stated his intention to keep it in serviceable condition until the expiration of his lease on May 1st next. Superintendent McConkey directed to report from time to time as to the condition of said pier.

3d. As to work performed during week ending September 27, 1879.

From Alfred Wagstaff--Recommending the appointment of Thomas Boyle as dock builder.

On motion, the application of the Central Railroad Company of New Jersey, for permission to make an extension to the outer end of Pier 14, North river, was taken from the table and placed on file, and the following resolution adopted:

Resolved, That permission be and is hereby granted to the Central Railroad Company of New Jersey, lessees of the southerly side of Pier 14, North river, to drive piles and extend westerly, the said pier for a distance of about 200 feet in its entire width, six or seven feet, to remain only during the pleasure of this Board; provided that said company shall, within ten days from the date hereof, agree in writing to pay to this Department, as rent for the land lying under water belonging to the city, covered by the said extension, the sum of \$200 per annum, payable quarterly, in advance, from and after November 1, 1879; that before the work is commenced the consent of the owner of the northerly half of said pier to the proposed improvement be used in this Department, and that the work be done under the supervision of the Engineer in Chief of this Department.

On motion, the Engineer-in-Chief was directed to cause the surface of Pier, now 1, North river, to be cleaned, as recommended by Superintendent Smith, and to repair the surface of pier at Third street, East river, several dangerous holes being reported by Superintendent Butler.

A communication was received from the Counsel to the Corporation, inclosing leases, in triplicate, duly approved by him as to form, to the Associates of the Jersey Company, of Pier 18 and bulkhead adjoining, North river: and, being examined,

On motion, said leases were approved and the officers of the Board directed to execute the same.

On motion, the following resolutions were adopted, to wit:

Resolved, That Randolph Gardniere be and is hereby appointed Inspector of the Dumping of Dredged Material, at the rate of \$15 per week, and that Effingham V. Smith be and is hereby appointed Timekeeper, at the rate of 30 cents per hour, in place of O. H. Klemm, resigned.

Resolved, That the Salaries of the Messengers be reduced, to take effect on and after 1st inst., as follows:

Thomas Early, from \$1,000 per annum to \$750 per annum.  
George S. Hunt, from \$10 per week to \$6 per week.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held October 9, 1879.

Present--Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held September 26 and October 2, 1879, were read and approved.

The following communications were received, read, and,

On motion, laid on the table, to await action as stated, to wit :

From Hudson Tunnel R. R. Co. - For use of Department boring machine.

From S. A. Frost In reference to repairs made by him to the surface of Pier 19, East river. Referred to Engineer-in-Chief to examine and report if the repairs are being made in conformity with the directions of the Board, under date of September 26, last.

From Joseph V. Brown--To have repairs made to pier at Fifth street, East river. Engineer-in-Chief directed to examine and report repairs necessary, and an estimate of the cost thereof.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From Irving C. Smith--To erect a small boat-house on piles now standing at the foot of One Hundred and Nineteenth street, Harlem river. Application denied, as this Department has no authority to grant permission for the erection of the building referred to.

From Central R. R. Co. of New Jersey--Accepting terms of resolution adopted October 2, 1879, to pay rent for land under water covered by extension to be made to the outer end of Pier 14, North river.

From E. W. Youmans For permission to place a hoisting engine on Pier, old 42, North river. Applicant informed that this Department has no objection to his placing and retaining, under the supervision of the Engineer-in-Chief of this Department, a small engine and boiler on Pier, old 42, North river, for the purpose of hoisting coal, provided that the same be placed on wheels so as to be easily moved ; but the Department reserves the right to cause its removal at any time it may so elect.

From Beebe, Wilcox & Hobbs--In reference to wharfage due from steamer "Castlewood" at Pier, old 44, North river.

From E. G. Tinker, Captain of the Port--In reference to the berth set aside by this Department for the Old Dominion Steamship Co., at Pier, new 1, North river.

From Stephen A. Jenks & Co.--For permission to drive fender piles at platform between Piers 18 and 19, East river. Action of the Commissioners on the 8th instant, in granting the permission asked for, approved.

From Department of Public Works--Requesting that the fenders be removed from around the public baths, now closed for the season. Engineer-in-Chief directed to remove the floats, fenders, etc., in accordance with said request.

From G. B. Lawton--In reference to wharf accommodations between West Eleventh and Fourteenth streets, North river.

From Martin Karl--For permission to place a coal-bin on pier at Fifty-first street, North river. Application denied.

From Engineer-in-Chief, the following reports :

1. Stating that the bulkhead in the rear of Pier 51, East river, is in bad condition and should be rebuilt from low water. Engineer-in-Chief directed to rebuild the premises as recommended by him, at a cost of about \$250.

2. As to work performed during week ending October 4, 1879.

3. Stating that the rebuilding of bulkhead between Piers 41 and 42, East river, has been completed by the owners, and recommending that the space adjacent thereto be paved. Secretary directed to address a communication to the Commissioner of Public Works, requesting that the pavement be laid at the aforesaid bulkhead as soon as may be convenient.

A report was received from the Engineer-in-Chief, as to the delivery and return of the pile cutting machine loaned to Ross & Sanford ; and being read,

On motion, it was

Resolved, That the Treasurer be and is hereby authorized and directed to prepare a statement of claim in the sum of \$10, and present the same to Ross & Sanford for payment, being for use of pile cutting machine one day, pursuant to resolution of the Board of September 25, 1879, at the rate of \$10 per day.

A communication was received from the Engineer-in-Chief, as to the amount of dredging done by C. H. Loomis and the Union Dredging Co., while using the Department dredging scows, and being read,

On motion, the following resolutions were adopted :

Resolved, That the Treasurer be and is hereby authorized and directed to prepare a statement of claim in the sum of \$735.04, and present the same to Chandler H. Loomis for payment, being for use of scows of the Department in removing, to date of October 1, 1879, 36,752 cubic yards of material dredged under contract with him, dated June 18, 1879, at two cents per cubic yard.

Resolved, That the Treasurer be and is hereby authorized and directed to prepare a statement of claim in the sum of \$2,382.06, and present the same to the Union Dredging Company for payment, being for use of scows of the Department in removing, from April 1 to October 1, 1879, 119,103 cubic yards of material dredged by said company, under orders of the Treasurer of the Department, at two cents per cubic yard.

An application was received from Clark & Seaman, for permission to erect platform between Piers 8 and 9, North river ; and being read,

On motion, it was

Resolved, That permission be and is hereby granted to Clark & Seaman, lessees, to drive piles between Piers 8 and 9, North river, easterly of the new bulkhead line, and to erect thereon platform extending to that now existing in front of the bulkhead thereat : the owners and lessees of the said bulkhead and piers having consented in writing to the improvement being made ; provide that the plans for the said improvement shall first be submitted to and approved by the Engineer-in-Chief of this Department, and all the work be done under his supervision ; and that the said lessee file in this office, within ten days after date hereof, a written agreement to pay to this Department as rent for the land under water covered by said platform, the sum of \$1,250 per annum, payable quarterly, in advance, from and after November 1, 1879 ; and provided, further, that the acceptance of this permission shall be held to be an agreement on the part of the said lessees to remove all the said improvement at their own cost and expense, whenever so directed to do by this Department



its successor, or by the party or parties claiming to own the said bulkhead, and that neither the erection of said platform, nor its removal, nor anything herein contained, shall operate to the prejudice of any existing rights of said party or parties, or of the Corporation of the City of New York.

An application was received from Wm. Cruikshank, for permission to make an extension to Pier 9, North river : and, being read,

(On motion, it was

Resolved, That permission be and is hereby granted to William Cruikshank, agent for the owners of Pier 9, North river, to drive piles for the purpose of making a temporary extension to said pier, of its entire width, for a distance of 100 feet westerly from its present outer end, the owners and lessees of Piers 8 and 10, North river, having assented, in writing, to the improvement being made, provided that the plans for the said improvement shall first be submitted to and approved by the Engineer-in-Chief of this Department, and all the work be done under his supervision, and that the said agent file in this office within ten days after date hereof, a written agreement to pay as rent for the land under water to be covered by said extension, the sum of \$700 per annum, payable quarterly, in advance, from and after November 1, 1879, and, provided further, that the acceptance of this permission shall be held to be an agreement on the part of the said agent and his principals to remove all the said extension at their own cost and expense within thirty days after date of written notice so to do from this Department or its successor, and in case such removal is not made within that time, that the said Department may proceed with the work of removal at the cost and expense of said agent and principals, and that neither the erection nor removal of said extension, nor anything herein contained, shall operate to the prejudice of any existing rights of said owners or of the Corporation of the City of New York.

The Auditing Committee presented an audit of twenty-one bills or claims, amounting in the aggregate to the sum of \$27,324.66 : and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, the communication from Board of Commissioners of Pilots in reference to mattresses thrown into the slip between Piers 20 and 21, North river, from the Anchor Line of steamships, was taken from the table and placed on file, and the following resolution adopted :

Resolved, That in accordance with Regulation 11 of the manual of this Department, a penalty in the sum of \$50 be and is hereby imposed upon Henderson Brothers, agents of the Anchor Line of steamships, for two violations of said regulation, to wit : for having thrown into the slip between Piers 20 and 21, North river, on September 23d, from steamer "Devonia," about fifty mattresses, and on September 29th, from steamer "Bolivia," about forty mattresses, as reported by the Commissioners of Pilots, and that the Treasurer be and is hereby authorized and directed to prepare a statement of claim, in the sum of fifty dollars, and present the same to Henderson Brothers for payment.

The Engineer-in-Chief, stating that the deck of the pier at Seventh street, East river, torn up during the progress of improvements made between Seventh and Eighth streets, by the East River Ferry Company, had not been entirely replaced and repaired,

On motion, the Secretary was directed to notify said company that the surface of the pier is to some extent unfit for commercial use, and requesting them to inform this Board if it is their intention to put the pier in proper order, or to leave it in its present unserviceable condition.

A communication was received from J. P. Minster, offering to surrender his lease of the pier at One Hundred and Seventeenth street, Harlem river, purchased by him at public sale held March 13, 1879, in consequence of there being an insufficient depth of water thereat; and, being read,

On motion, the aforesaid offer of said J. P. Minster to surrender lease was accepted, to take effect from 27th ultimo, and the Engineer-in-Chief directed to make requisition for the necessary dredge, scows, and labor to excavate and remove from said premises about 3,000 cubic yards of mud, at a cost not exceeding \$950, and to superintend the work.

The weekly report of Superintendent Butler being read,

On motion, the Engineer-in-Chief was directed to examine and report on the condition of the bulkhead between Seventeenth and Eighteenth streets, East river, and to make the necessary repairs on the outer end of pier at Twenty-third street, East river, and to place a mooring pile on the south-east corner of said pier, in order to moor the schoolship "St. Mary's," and the Secretary directed to notify Superintendent Butler to call upon the Commissioners in reference to the fence which has been erected by the Harlem Navigation Co. at the pier at One Hundred and Twentieth street, Harlem river.

A communication was received from Alexander & Green, attorneys for John G. Dale, agent, in reference to wharfage accrued at Pier, old 44, North river; and, being read,

On motion, the Secretary was directed to inform said counsel for the Inman Steamship Co. that pursuant to their communication of September 8, ultimo, and of the communication of John G. Dale, agent of said company, of September 9, ultimo, that this Department will claim all the wharfage accrued at the said Pier, old 44, North river, subsequent to August 27, 1879, the said steamship company having become liable for the collecting and payment to the city thereof in said communications.

On motion, Patrick Stafford was appointed a laborer.

On motion, the Board adjourned.

WM. M. WHITNEY, Secretary pro tem.

At a meeting of the Board of Docks, held October 16, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held October 9, 1879, were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit:

From Department of Public Works—For permission to place two hydrants at the bulkhead at the Department yard, at East Seventeenth street, in order to supply steam tugs, etc., with Croton water. Engineer-in-Chief directed to examine and report if any objection exists to granting the permission asked for.

From Board of Commissioners of Ports—stating that owing to the bad condition of wharf premises at sixty second street, East river, much of the same constantly rots; there falls into the river. Engineer in Chief directed to examine and report as to the condition of the premises referred to.

From Police Department. As to the bad condition of the bulkhead at seventeenth street, East river. Engineer in Chief directed to examine and report what repairs are required to be made by the premises, and an estimate of the cost of doing the work.

From Engineer in Chief, the following reports:

1. As to repairs required to Pier at Fifth street, East river. Joseph V. Brown, lessee, requested to call upon the Commissioners in reference to the same.

2d. As to the condition of the bulkhead between Seventeenth and Eighteenth streets, East river.

3d. As to the condition of Pier, old 54, North river.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit:

From William H. Webb. In reference to the condition of bulkhead between Thirty-sixth and Thirty-eighth streets, North river, owned by him.

From Police Department. Stating that there are several holes in the surface of Pier 13, East river, and that the premises are dangerous for travel. Secretary directed to notify the owners of said pier to make the necessary repairs thereto without delay.

From Jacob Macy's Sons. For permission to drive piles and repair the bulkhead between Pier 43 and 44, East river. Application granted, the work to be done under the supervision of the Engineer in Chief of this Department, within the existing lines of the present structure.

From Health Department. For permission to cut through the string-piece and dock in front of the Reception Hospital, foot of Sixteenth street, East river, for the purpose of constructing a gang-way, to facilitate the transfer of patients. Application granted, the work to be done under the supervision of the Engineer in Chief of this Department.

From Wm. Crinkshank. Agreeing to terms of resolution adopted October 9th, fixing rent for land under water at Pier 9, North river.

From Martin Karl. For permission to place a coal bin upon pier at Fifty-first street, North river, leased by him. Application denied.

From Engineer in Chief, the following reports:

1. Stating that a large amount of dirt upon pier at Fifty-seventh street, North river, should be removed, and that the approach to said pier is in a dangerous condition, and suggesting that earth filling be deposited up to the level of the old deck, to give the sheathing a solid support. Secretary directed to notify Frederick Schecker, lessee, to remove the dirt referred to, and Engineer-in-Chief directed to fill in said approach in accordance with the recommendation contained in his report.

2. As to repairs made to pier 19, East river, communication from S. A. Frost, in reference thereto, taken from the table and placed on file, and the Engineer-in-Chief directed to take up the

**d** plank recently placed upon said pier, and to sheath a space of 65 feet in length by the entire **dth** of the pier with new plank.

3. As to the work performed during week ending October 11, 1879.

4. Stating that the deck of the pier at Twenty-fifth street, North river, is in bad condition, **nd** that an area of 30 x 100 feet should be patched with 4-inch plank. C. T. Van Santvoord, **ssee**, directed to make the repairs to said pier, under the supervision of the Engineer-in-Chief of **is** Department.

H. Miller, Jr., lessee of Pier, old 54, North river, appeared and was heard as to the necessity repairs being made thereto by this Department.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a meeting of the Board of Docks, held October 23, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held October 16, 1879, were read and approved.

The following communications were received, read, and

On motion, laid on the table to await action as stated, to wit :

From D. M. Munger—Making complaint of the fence erected by the Union Ferry Company at the outer end of Pier 2, East river. Secretary directed to notify D. M. Munger and the Union Ferry Company to attend the next meeting of the Board in reference to the subject.

From Police Department—As to the bad condition of the surface of Pier 6, East river. Superintendent McConkey directed to examine and report if there still exists a hole in the surface of said premises, or if it has been repaired.

From New York Floating Dry Dock Company—In reference to rebuilding a portion of bulkhead between Piers 42 and 43, East river. Engineer-in-Chief directed to examine and report what part of above premises needs to be repaired, and, if possible, to ascertain the owners thereof.

From Alexander & Green—In reference to wharfage collected at Pier, old 44, North river. Secretary directed to submit all the papers in relation to the subject to the Counsel to the Corporation for his opinion as to the proper action to be taken by this Department.

From Twenty-third Street Railroad Company and others and Jacob Sharp—In reference to the filthy condition of the slip at the foot of Twenty-third street, North river. Engineer-in-Chief directed to examine and report the amount of dredging necessary at the premises to abate the evil complained of.

From Providence & Stonington Steamboat Company - In reference to occupying lease of Pier, No. 29, North river. Engineer-in-Chief directed to examine and report as to the condition of the pier.

The following communications were received, read, and

On motion, placed on file, action being taken, where necessary as stated, to wit:

From Clark & Samson - Agreeing to pay rent for land under water to be used as a platform on piles, between Piers 8 and 9, North river.

From Knickerbocker Ice Company - In reference to a renewal of lease of Pier, No. 41, North river. Secretary directed to advise that the Commissioners have several applications before them for a lease of said pier, and that due consideration will be given to the subject.

From William C. Whitney, George Bliss, and Peter B. Olney, Commissioners, appointed under chapter 539 of the Laws of 1879, of Revision and Compilation of Local Laws - Requesting that they be furnished with three copies of laws relating to this Department. Secretary directed to furnish the Commissioners with three copies of the Manual of this Department.

From Engineer-in-Chief, the following reports:

1st. As to work performed during week ending October 18, 1879.

2d. Recommending that certain old material, belonging to the Department, be disposed of at public sale. Secretary directed to arrange for the sale of said old material at public auction, and to cause proper notice of the same to be inserted in the several newspapers designated by law.

The Auditing Committee presented an audit of eighteen bills or claims amounting in the aggregate to the sum of \$2,069.46; and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, John Travers and Thomas Lahey, Night Watchmen, were discharged.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held October 30, 1879.

Present - Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held October 23, 1879, were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit:

From Department of Public Charities and Correction - To have repairs made to dock at Randall's Island. Engineer-in-Chief directed to examine and report the repairs required and an estimate of cost of doing the work.

From John G. Dale, Agent—In reference to the rent to be paid by him for lease of Pier, new North river. Applicant appeared and was heard at length in reference to the subject.

From N. Y. Central & Hudson R. R. Co.—For permission to erect a pier at Sixty-fifth street, North river. Mr. Curtis, the engineer of said company, appeared and was heard in reference to said application.

From Wm. C. Whitney, Geo. Bliss, and Peter B. Olney, Commissioners of Revision and Compilation of Local Laws—Requesting to be informed what omissions, if any, exist in the laws relating to the Department of Docks, which it is desirable to supply, etc. The Secretary directed to examine the statutes affecting this Department and to prepare a proper reply to said communication.

From Engineer-in-Chief—As to the condition of the water-front at Sixty-second street, East river. Engineer-in-Chief directed to examine and report as to the bottom of the river at that point, and to ascertain if a pier thirty feet long can be built in accordance with his recommendation, at a cost not exceeding \$800.

From Harlem River & Port Chester Railroad Company—Asking that a reduction be allowed in the rent charged for land under water covered by platform between Piers 50 and 51, East river.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Kilpatrick & Co.—For use of portion of the space reclaimed by this Department between Fifty-seventh and Fifty-eighth streets, North river, for the purpose of storing lumber. Application granted.

From Warren Roosevelt—To drive piles and make repairs to Pier 33, East river. Application granted ; the work to be done under the supervision of the Engineer-in-Chief of this Department, within the existing lines of the present structure.

From Police Department—For the use of the large floating derrick, to turn over three scows. Application granted. Engineer-in-Chief to do the work as requested.

From Superintendent McConkey—Stating that the surface of the upper side of Pier 6, East river, had been repaired by the lessee. Communication from Police Department, in reference to condition of said premises, taken from the table and placed on file.

From Brooklyn Trust Company—Stating that the necessary repairs to the bulkhead between Piers 28 and 29, North river, will be made by them, in accordance with the request of this Department.

From Engineer-in-Chief, the following reports—

1st. As to work performed during week ending October 25, 1879.

2d. As to the placing of two hydrants at the Department yard at East Seventeenth street. Application of the Department of Public Works, to place two hydrants as above, taken from the table and placed on file, and the permission granted as requested ; the work to be done under the supervision of the Engineer-in-Chief of this Department.

3d. As to repairs required to bulkhead at Seventeenth street, East river. Engineer-in-Chief directed to do the work, in accordance with his recommendation, at a cost not exceeding \$900.

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Communication from Police Department, and the report of the Engineer in-Chief in reference to the condition of the premises, taken from the table and placed on file.

4th. As to suspension of William Perry, Nagle, Warburton. Reference to Commission Vanderpoel.

On motion, the Secretary was directed to notify Henderson & Brothers, Agents Anchor Line steamer, that their lease of bulkhead between Piers 20 and 21, North river, will expire on November 1, 1879, and that it is the intention of the Department to sell at public auction a lease of the said bulkhead in the early part of next year, and that until a new lease of the premises shall be granted, the rent to be paid by said lessees will be at the rate of \$2,000 per annum, as at present.

On motion, John Sullivan was appointed a laborer.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held November 6, 1879.

Present: Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held October 30, 1879, were read and approved.

An application was received from the Central Railroad Company of New Jersey, lessees, for permission to drive piles and widen Pier 14, North river, on the southerly side, and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to the Central Railroad Company of New Jersey, lessees of the southerly side of Pier 14, North river, to drive piles and widen said pier on the southerly side to the width of eight feet at the line of the present bulkhead, and thence diagonally to a point on said pier distant 285 feet westerly from said bulkhead, said extension to remain during the pleasure of this Board, provided that said Company shall, within ten days from the date hereof, agree, in writing, to pay to this Department as rent for the land lying under water belonging to the city, covered by the said extension, the sum of \$250 per annum, payable quarterly in advance, from and after November 1, 1879, and also to extend the present shed on said pier over the addition hereby authorized to be built; all the work to be done under the supervision of the Engineer in Chief of this Department, and in accordance with the plans submitted by said Company.

A report was received from the Engineer-in-Chief in reference to the condition of Pier, old 29 North river; and, being read,

On motion, the application of the Providence & Stonington Steamship Company, the present lessees of the southerly half of said pier, for a new lease thereof, was taken from the table and

ed on file, and the Secretary directed to advise said Company that an examination made of the ~~raises~~ by the Engineer-in-Chief of this Department shows that it would be impracticable to ~~in~~ any portion of the existing pier as part of the new pier to be built in accordance with the ~~>~~ted plans, and consequently, when the Department is ready to continue its improvement at ~~p~~point, the present pier would have to be entirely removed, and that in view of these facts the ~~e~~partment has no authority to grant a lease of the present pier, otherwise than by public sale, ~~>~~h will probably take place about February 1, 1880.

The application of the Harlem River & Port Chester Railroad Company for a reduction of for the land under water covered by platform between Piers 50 and 51, East river, in order the rate paid by said company may be in proportion to that paid by other lessees of similar ~~>~~erty, was,

On motion, taken from the table and placed on file, and the following resolution adopted :

Resolved, That the rent to be paid to this Department by the Harlem River & Port Chester ~~r~~oad Company, for the use of the land under water covered by platform between Piers 50 and ~~E~~ast river, erected by said Company under permission of resolution adopted by this Board, May 874, be and the same is hereby reduced, from and after November 1, 1879, from the sum of ~~;~~00 per annum to \$1,500 per annum, such reduction being, in the opinion of this Board, just equitable ; provided that the said Company shall pay the said reduced rent quarterly in advance ~~n~~ and after the 1st instant.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From John H. Benner, lessee—To have dredging done at pier at Forty-sixth street, North ~~r~~. Engineer-in-Chief directed to examine above premises and report the amount of dredging ~~t~~ired.

From Jesse Ryder—Being notice of claim against John M. C. Scully, amounting to \$137.90, for ~~re~~ furnished. Secretary directed to request Mr. Ryder to be present at the next meeting of the ~~ard~~.

From F. Alexandre & Sons—Stating the necessity of dredging being done at Pier 3, North ~~er~~, occupied by them, and which the owners of said premises refuse to perform. Engineer-in-~~ief~~ directed to examine above premises, and report the amount of dredging required to accom-~~date~~ the vessels using said pier.

From John H. Alexandre—To place small office on bulkhead on upper side of Pier 28, East ~~er~~. Applicant requested to call and explain for what purpose said office is to be used.

A report was received from the Engineer-in-Chief, as to work performed during week ending ~~vember~~ 1, 1879 ; and, being read, was,

On motion, placed on file.

The Auditing Committee presented an audit of eleven bills or claims, amounting in the aggre-~~re~~ to the sum of \$4,368.22, and, being read, was

. On motion, accepted and adopted, and the Secretary directed to forward the said bills, together ~~h~~ proper requisitions for the amount, to the Finance Department for payment.



On motion, the Engineer-in-Chief was directed to prepare specifications and contract for proposals for dredging the slip between Twenty-third and Twenty-fourth streets, North river, so as to secure a depth of fifteen feet at mean low-water.

On motion, the Chief Clerk was directed to prepare a statement of all leases of wharf property which have not been executed by the lessees, and the reasons why they have neglected to do so.

Chauncey M. Depew and Chief Engineer Curtis, on behalf of the N. Y. Central & Hudson R. R. Co., appeared and were heard at length as to the improvements contemplated to be made by said Company along the water-front in vicinity of Sixty-fifth street, North river.

On motion, John Dunnigan, was appointed a Night Watchman.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held November 13, 1879.

Present Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held November 6, 1879, were read and approved.

The following communications were received read, and,

On motion, laid on the table to await action as stated, to wit :

From Counsel to the Corporation—As to the rights of the city in and to lands under water between Sixtieth and Sixty-first streets, East river.

From Collins & Blair In reference to use of bulkhead between Leroy and Clarkson streets, North river. Referred to Commissioner Vanderpoel for examination.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From Central Railroad Company of New Jersey—Agreeing to pay rent for land under water covered by extension made to the south side of Pier 14, North river.

From Canda, Kane & Doke For permission to erect shed between Fifty-first and Fifty-second streets, North river. Applicants informed that the Department has no power to grant the permission asked for.

From Maurice Magher Applying for appointment to a position in Department.

From Engineer-in-Chief, the following reports :

1st. As to work performed during week ending November 8, 1879.

2d. In reference to filling in at Pier, new 37, North river. Communication from New York Central and Hudson River Railroad Company, in reference to the same, taken from the table and placed on file.

3d. In reference to repairs needed to the dock at Randall's Island. Communication from Department of Public Charities and Correction in reference to the same taken from the table and read on file, and the Engineer-in-Chief directed to do the work in accordance with his report, at cost of about \$175.

4th. In reference to maps and tracings furnished to Elisha Harris.

5th. In reference to repairs needed to approach to pier at Fifty-seventh street, North river, dirt accumulated on said pier. Engineer-in-Chief directed to repair the hole in said approach, to keep the premises in repair, so as to be safe for travel. Police Department requested to remove the dirt from said pier at their earliest convenience.

6th. In reference to the water-front at Sixty-second street, East river, together with a tracing of the premises and the objection to erecting a pier at that point. Secretary directed to forward said tracing and a copy of the report of the Engineer-in-Chief to the Commissioner of Public Works, with the request that he inform this Department if in his opinion any objection exists to the erection of a pier at Sixty-second street, East river, in consequence of the sewer discharges at the foot of the street, and the Croton-water pipe which is laid therefrom to Ckwell's Island.

On motion, it was

Resolved, In order to relieve the city from all liability to claims being made for damages, that Superintendents of Docks be and are hereby directed and empowered whenever any unleased wharfe-pier or bulkhead within their respective districts shall become dangerous for travel, consequent upon the breaking through of the surface or other unexpected cause, to immediately purchase the necessary material and engage proper labor to repair the premises, and at once report in writing the action taken to the Engineer-in-Chief; and that the Treasurer be and is hereby authorized to reimburse the said Superintendents for such expenditure, not exceeding \$5 in any one case, when approved by the Engineer-in-Chief.

On motion, the following preamble and resolution was unanimously adopted, to wit :

Whereas, The New York Central and Hudson River Railroad Company made application to this Board to reclaim certain lands under water, between Sixtieth and Sixty-fifth streets, North river, for the improving of the terminal facilities of the Company at that point ; and

Whereas, This Department granted permission to said Company, under date of May 28, 1874, to reclaim said premises, and to erect a bulkhead within the established bulkhead line of 1868, with the privilege of building two piers, one at Sixty-third and one at Sixty-fourth street, North river, extending westerly to the established exterior pier line of 1868 ; and

Whereas, The said Company have now an application before this Board to extend the said terminal improvements northerly to Sixty-sixth street, and to erect another pier at Sixty-fifth street, North river, extending westerly to the said exterior pier line ; and

Whereas, The plan for the location of piers on the North river, north of Sixty-first street, has never been adopted or established by the Commissioners of the Sinking Fund, or by this Department ; therefore

Resolved, That the plan for the location of the piers at the foot of Sixty-third, Sixty-fourth, and Sixty-fifth streets, North river, as adopted by the Commissioners of Docks this date, be transmitted to the Commissioners of the Sinking Fund for approval.

On motion, the following preamble and resolution was unanimously adopted, to wit :

Whereas, Isaac Fowler purchased at public sale, held March 14, 1878, lease of Pier 61, East river, with the reservation for a dumping board on the southerly side for three years from May 1, 1878, at an annual rent of \$1,250 : and,

Whereas, A berth of about 250 feet on the northerly side of said pier, occupied free of wharfage by a night-soil boat, under the provisions of a contract made by the Health Department with one Peter White, was omitted to be reserved in the said sale and lease ; and,

Whereas, In the opinion of this Board the claim of said Fowler for a reduction of said rent consequent upon this Department being unable to place him in possession of the entire northerly side of said pier is just and fair : therefore

Resolved, That the Comptroller, by virtue of the power vested in the Finance Department by section 31 of chapter 335, Laws of 1873, be and is hereby respectfully requested to give his consent and sanction to the reduction of the said rent from \$1,250 per annum to \$875 per annum, being an annual allowance of \$375.

On motion, the Engineer-in-Chief was directed to examine the slip on the north side of Pier old 36, North river, and report the present depth of water, and what dredging is necessary thereat to secure a depth of eighteen feet at mean low water.

On motion, Superintendent Fitzpatrick was directed to notify the owners of stone, recently placed on the land filled in by this Department, between Fifty-fifth and Fifty-eighth streets, North river, to remove the same forthwith.

On motion, the Engineer-in-Chief was directed to examine the premises at the foot of One Hundred and Nineteenth street, Harlem river, and report as to the advisability of building a pier thereat, about 125 feet long, and to examine and report what repairs are necessary to be made to the outer ends of Piers 58 and 59, East river.

On motion, the Engineer-in-Chief was directed to repair three planks broken in the surface of pier at Third street, East river ; also, to fill up a hole adjacent to bulkhead at Thirtieth street, East river, and to repair, at a cost not exceeding \$200, the outer end of pier at One Hundred and Twenty-fifth street, Harlem river.

On motion, Timothy F. Sullivan was appointed Watchman in place of Peter Hyland.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held November 20, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held 13th instant were read and approved.

An application was received from Clark & Seaman, lessees, to erect sheds to cover platform between Piers 8 and 9, and the extension to Pier 9, North river, recently erected by permission of the Department; and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to Clark & Seaman, lessees, to erect and maintain, during the pleasure of this Board, sheds to cover the platform in front of the bulkhead between Piers 8 and 9, North river, and the extension to said Pier 9, now in progress of erection under permissions granted by this Department on October 9, 1879, for the protection of property received and discharged thereat by steam transportation; said sheds to be constructed subject to the regulations of the Superintendent of Buildings, as required by chapter 249, Laws of 1875, and in accordance with plans to be first submitted to and approved by the Engineer-in-Chief of this Department, and the work to be done under the supervision of that officer, provided, that the owner or owners of said bulkhead and pier shall first file in this office a written consent to the said sheds being erected.

On motion, the following resolution was unanimously adopted.

Resolved, That the Commissioners of the Sinking Fund, pursuant to the authority vested in them, by subdivision 11 of section 6, chapter 574, Laws of 1871, be and are hereby respectfully requested to direct the Comptroller of the City of New York to prepare and issue Dock Bonds of the City of New York for the amount of (\$250,000) two hundred and fifty thousand dollars, for the uses and purposes of the Department of Docks.

A report was received from the Engineer-in-Chief in reference to the dredging required in the piers adjacent to Pier 3, North river, and, being read,

On motion, the communication of F. Alexandre & Sons as to the necessity of having dredging done at said premises, was taken from the table and placed on file, and the following resolution adopted:

Resolved, That the owner or owners of Pier 3, North river, be and are hereby notified and directed to dredge the slip on each side of said pier to a depth of 17 feet for the inner 200 feet for a width of 50 feet on each side, and to a depth of 23 feet for the remainder of its length for a width of 70 feet on each side, the lessee of said pier and the Captain of the Port having informed this Board that such dredging is necessary, the work to be done under the supervision of the Engineer-in-Chief of this Department.

A report was received from the Engineer-in-Chief in relation to penalties imposed in Estimate No. 4, under contract with John M. C. Scully for furnishing stone, and, being read,

On motion, it was

Resolved, That this Board hereby certify to the Comptroller that the failure of John M. C. Scully to deliver the material specified in Estimate No. 4 within the time stipulated therefor under

his contract for furnishing small cobble and rip-rap stone, dated July 14, 1879, has not caused the corporation to sustain any loss or damage whatsoever, beyond a delay of two days' time, the premises for which the said material was ordered not being in readiness for it, owing to unexpected delays in dredging and unfavorable weather and tides for proceeding with the masonry construction; and that the penalty incurred by the said contractor for the two days referred to as above is the sum of \$100.

An application was received from John G. Dale, Agent, for lease of Pier, new 36, North river, and, being read,

On motion, the application of John G. Dale, Agent, under date of April 10, August 11, and October 23, in reference to obtaining a lease of Pier, new 37, North river, and the report of the Engineer-in-Chief as to the repairs necessary to said pier, were taken from the table and placed on file, and the following resolution adopted:

Resolved, That John G. Dale, Agent Inman Steamship Company (Limited), be and is hereby informed that this Department will grant a lease to the said Company, for a term of ten years, of a pier to be built wholly or in part up on the site of pier known as Pier, old 44, North river, as soon as it shall be constructed and completed by the Department in conformity with the new plans adopted, or to be adopted, for the improvement of that section of the water-front, at an annual rent of \$30,000, and will agree in said lease to give to the said lessees a covenant of renewal for a further term of ten years at an annual rent of \$30,500, the Department reserving the right to build the said new pier and the bulkhead wall contiguous thereto at such time as it may, by said Department, be deemed expedient; and further, that until the said new pier shall be ready for occupancy, the rent for Pier, new 37, North river, now occupied by the said Company, will be \$15,000 per annum, payable quarterly in advance from and after November 1, 1879, provided that the said Company shall, within five days after receipt hereof, file in this office a written acceptance of the terms hereof, and agree to execute a lease for the said new pier, upon its completion, containing the usual covenants and conditions, and in conformity with the terms herein set forth.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit:

From W. M. Bassett, Agent:—For permission to erect shed on Pier 49, East river. Applicant requested to advise this Board if he is the lessee of said premises, and if they are used by steamers or sailing vessels.

From Austin Baldwin & Co., Agents:—For a lease of Pier, new 37, North river.

From C. T. Van Santvoord, Agent:—Asking consent to transfer lease of pier at Twenty-sixth street, North river, to J. B. & J. M. Cornell. Applicant advised that action cannot be had on his application until the lease referred to is executed by him.

From Compagnie Générale Transatlantique:—To have soundings taken at Pier, new 41, and dredging done at Pier, new 42, North river. Engineer-in-Chief directed to examine and report the dredging required at said premises to obtain a depth of 25 feet at mean low water.

From Mutual Benefit Ice Co., lessee of north half of Pier 62, East river:—In reference to the bad condition of the south half. Secretary directed to address a communication to the

Counsel to the Corporation, stating that the southerly half of the said pier is believed to be private property, and is in bad condition, and used principally for a storage place of old boilers, etc., and that the owners thereof have neglected to make the proper repairs thereto, as repeatedly notified by this Department to do, and requesting him to advise this Board, in writing, as to the action, if any, it is authorized to take to compel the said owners to make proper repairs: and should they still decline, whether the Department has the right and power to make the repairs, and if so, what action by it should be taken to protect the interest of the Corporation in the expenditure, and secure its reimbursement for the expenses incurred.

From George N. Williams and others. For additional wharf accommodations between Fifty-ninth and Sixty-first streets, East river. Referred to Engineer-in-Chief to recommend a plan for the erection of a bulkhead between said streets.

From Department of Public Works. Forwarding communication of W. A. S. Holt & Co., Santa Rosa, California, for information as to paint used on docks by this Department. Referred to Engineer-in-Chief for examination and reply.

From Engineer-in-Chief. Requesting that the Commissioner of Public Works be asked to furnish the plans of marginal sewers between Warren and Canal streets, North river, applied for by this Department on March 19, 1879. Secretary directed to address a communication to the Commissioner of Public Works, calling his attention to the said application of this Department, and to state that the same have not yet been received, and requesting that they be furnished without further delay, in order that the work of constructing the bulkhead wall at said locality shall not be retarded.

From Knickerbocker Ice Co.—For reduction of rent for extension of pier at Twentieth street, North river.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit:

From George W. Plunkitt—Bureau of Street Cleaning, in reference to the removal of dirt from Pier at Fifty-seventh street, North river.

From Engineer-in-Chief, the following reports:

1. As to repairs made to Pier, new 1, North river.
2. Recommending that the Department Office at Christopher street be painted. Engineer-in-Chief directed to do the work in accordance with his report, at a cost of about \$75.
3. Stating that there is no necessity for dredging at Pier, old 36, North river, as a depth of eighteen feet at mean low water already exists.
4. In reference to the piles driven at the bulkhead, between Twenty-eighth and Twenty-ninth streets, North river.
5. In reference to dredging ordered to be done at slip, at One Hundred and Seventeenth street, Harlem river.
6. As to work performed during week ending November 15, 1879.
7. As to dredging needed at Pier at Forty-sixth street, North river. Application of John H. Benner, lessee of said pier, taken from the table and placed on file, and Secretary directed to

advise him that, from a report of the Engineer-in-Chief, it does not appear that the filling in at the bulkhead on the south side of said pier by the Municipal Gas-light Company has reduced the depth of water as claimed by him.

The Auditing Committee presented an audit of 21 bills or claims, amounting in the aggregate to the sum \$16,416.68, and, being read, was

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

A communication was received from the Engineer-in-Chief, in reference to dredging performed by Chandler H. Loomis, contractor, and the Union Dredging Company, and, being read,

On motion, the following resolutions were adopted :

Resolved, That the Treasurer be and is hereby authorized and directed to prepare a statement of claim in the sum of \$146.08, and present the same to Chandler H. Loomis, for payment, being for use of scows of the Department, in removing, from October 1 to 31, 1879, 7,304 cubic yards of material dredged by him under contract of 18th June, 1879, with this Department, at two cents per cubic yard.

Resolved, That the Treasurer be and is hereby authorized and directed to prepare a statement of claim, in the sum of \$238.94, and present the same to the Union Dredging Company for payment, being for use of scows of the Department, in removing, from October 1 to 31, 1879, 11,947 cubic yards of material dredged by the Company, under orders of the Treasurer of this Department, at two cents per cubic yard.

A report was received from the Engineer-in-Chief, submitting form of specifications and contract for proposals for dredging between Twenty-third and Twenty-fourth streets, North river, and, being read,

On motion, it was

Resolved, That the form of specifications and contract, as prepared by the Engineer-in-Chief, for dredging between Twenty-third and Twenty-fourth streets, North river, be and is hereby approved and adopted, subject to the approval of the Counsel to the Corporation as to form, and that the Secretary be and is hereby directed to have a sufficient number of blank forms of proposals printed, and proper advertisements inviting bids for doing said work inserted in the newspapers designated by law.

On motion, the Engineer-in-Chief was directed to examine and report an estimate of the cost of making the necessary repairs to the bulkhead in front of Coe's store, near East street, and the bulkhead between Seventeenth and Eighteenth streets, East river, reported by Superintendent Butler as in dangerous condition, and what repairs are necessary to be made to Pier 21, East river, reported by Superintendent McConkey as in bad order, and the Secretary directed to request the Commissioner of Public Works to have repairs made to the street adjoining the bulkhead at Rivington street, East river, a large hole which exists there rendering travel dangerous.

Adolph L. Kerker, lessee of the right to moor floats at the foot of the steps at the Third Avenue bridge, Harlem river, appeared in reference to the additional obstructions to the full enjoyment of the rights purchased by him which exist there, and, being heard at length,

On motion, the Secretary was directed to address a communication to the Department of Public Parks, calling their attention to the communication sent them by this Department on June 4th last, in reference to the necessity of free access being had to and from the floats moored at the foot of said steps, and stating that Adolph L. Kerker, the lessee, now protests against any further demand being made upon him for the full amount of rent due under his lease, in consequence of the existence of said obstructions, and requesting said Department to advise this Board whether they are disposed to propose such an arrangement or removal of the obstructions complained of as will be satisfactory to the city's lessee, and enable this Department to collect its revenue, and at the same time leave no infringement of the rights of their Department in the premises.

On motion, Timothy Dugan was appointed a Night Watchman.

On motion, the Board adjourned.

WM. M. WHITNEY, Secretary pro tem.

At a meeting of the Board of Docks, held November 26, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held November 20, 1879, were read and approved.

A communication was received from the Engineer-in-Chief, as to the delay and delivery of material by John M. C. Scully, contractor, for furnishing the Department with small cobble and rip-rap stone, and, being read,

On motion, the following preamble and resolution was adopted, to wit :

Whereas, The Engineer-in-Chief has this day certified in writing to this Board that in his opinion the delivery of small cobble and rip-rap stone under the contract of John M. C. Scully with this Department, dated July 14, 1879, is unreasonably and unnecessarily delayed, and that it has been so delayed for more than two weeks past ; be it therefore

Resolved, That John M. C. Scully, contractor, be and is hereby notified and directed to deliver to this Department, at Charlton street section, between Piers, old 44, and new 37, North river :

200 cubic yards of rip-rap stone, on or before November 29, instant.

200	"	"	"	"	December 1, proximo.
180	"	small cobble stone,	"	"	2, "
180	"	"	"	"	3, "
200	"	rip-rap stone,	"	"	4, "
180	"	small cobble stone,	"	"	5, "



200 cubic yards of rip-rap stone, on or before December 6 proximo.

180	"	small cobble stone,	"	"	8.	"
180	"	"	"	"	9.	"
180	"	"	"	"	10.	"

and at Chambers street section, between Piers, old 31 and new 20, North river :

200 cubic yards of rip-rap stone, on or before November 29, instant.

200	"	"	"	December 1, proximo.		
200	"	"	"	"	2.	"
200	"	"	"	"	3.	"

and in case said contractor shall fail to deliver the said stone at the times and places above designated this Department will notify said contractor to discontinue any or all delivery under the aforesaid contract, and will purchase, by contract or otherwise as this Board may deem advisable, such quantities of stone and will employ such labor and use such material and do such work as may be necessary to fulfill said contract, or such part thereof as this Board may deem necessary, and will charge the cost of said stone, material, and labor to the said contractor, all in conformity with the stipulation set forth in specification or paragraph 22 of said contract.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From Police Department To have dredging done in slips at Twelfth street, North river, and Seventeenth street, East river.

Engineer-in-Chief directed to make requisition for necessary dredge, scows, and labor, to excavate and remove from each of the above premises about 1,000 cubic yards of mud.

From F. Alexandre & Sons As to the necessity of having dredging done at slips adjacent to Pier 3, North river.

Secretary directed to advise in reply that the owners of the said pier, on the 20th inst., had been notified to do the dredging required.

From Commissioner of Public Works—Stating that there appeared to be no objections to the erection of a dock proposed at Sixty-second street, East river, so far as interfering with the sewer outlet and Croton-water pipe laid thereat.

The communication of the Board of Commissioners of Pilots, in reference to the condition of the said water-front, and the report of the Engineer-in-Chief, as to the construction of a pier thereat, taken from the table and placed on file, and the Engineer-in-Chief directed to construct a pier at the foot of Sixty-second street, East river, 30 feet long on the north side, and 46 feet on the south side, and 50 feet wide, in accordance with his recommendation, at a cost of about \$850.

From Western Union Telegraph Company For permission to place a telegraph pole at the foot of Christopher street, North river. Referred to the Engineer-in-Chief to examine and report.

From S. A. Jenks & Co.—For permission to repair the outer end of Pier 4, East river. Action of the Treasurer of the 21st instant, in granting the permission asked for, approved.

From John G. Dale, agent—Accepting terms of resolution granting to him lease of Pier, new 36, North river.

From Austin Baldwin & Co.—For lease of Pier, new 37, North river.

From People's Line of Steamboats—For permission to drive three piles on the south side of Pier 35 at Thirty-fifth street, North river, to facilitate the moorings of their vessels while laid up. Application granted, the work to be done under the supervision of the Engineer-in-Chief.

From S. L. Merchant—Asking that a test be made of certain brands of English and German Portland Cement. Application granted; Engineer-in-Chief directed to make a test of one barrel of each of the cement to be furnished by Mr. Merchant.

From Engineer-in-Chief—As to work performed during week ending November 22, 1879.

A communication was received from W. M. Bassett, agent, stating that he is the lessee of Pier 49, East river, and that the premises are used by steam vessels; and being read, was,

On motion, laid on the table, and the Secretary directed to address a communication to the Mayor of the Port, advising him that an application has been made by the lessee of Pier 49, East river, for permission to erect a shed thereon for the protection of property received and discharged by steam transportation, and as under section 3 of chapter 249, Laws of 1875, it is unlawful to erect such shed if the said pier has heretofore been used for the landing and discharging of sailing vessels regularly employed in foreign commerce and having a depth of more than 18 feet of water, I am requesting him to advise the Commissioners, in writing, whether the said pier has heretofore been so used and occupied prior to the 6th May, 1875, the date of passing said law.

On motion, the Engineer-in-Chief was directed to examine and report what repairs are necessary to be made to Piers 46 and 47, and at Fifth street, East river.

On motion, the owners of boilers and buildings, etc., now upon the south side of Pier 62, East river, were notified and directed to remove the same therefrom without delay, or this Department will take action to have the same removed at their cost and expense.

On motion, it was

Resolved, That permission be and is hereby granted to the Knickerbocker Ice Co., lessee, to erect and maintain, free of cost and expense to the city, an extension to the westerly end of pier foot of Twentieth street, North river, extending to the new pier line, a distance of about thirty-seven feet, provided that the said Company shall first, and within five days after receipt of notice, file in this office its written agreement to pay to this Department, as rent for the land and water to be covered by said extension, the sum of \$250 per annum, payable quarterly, in advance, from and after February 1, 1880; that the said extension shall be constructed upon plans to be first approved by the Engineer-in-Chief of this Department, and all the work be done under the supervision of that officer; and that at the expiration on May 1, 1886, or sooner termination of the lease for said pier, the said improvement shall revert to the Corporation of the City of New York, free of all claims of any kind whatsoever; and provided further, that it be expressly understood that the said Company will cause the said extension to be removed when so ordered by this Board or its successors, free of all claim in consequence thereof.

A report was received from the Engineer-in-Chief as to piles driven at end of Pier, new 43, North river, and being read,

On motion, it was

Resolved, That the Treasurer be and is hereby authorized and directed to prepare a statement of claim in the sum of \$49.30, and present the same to the Compagnie Générale Transatlantique for payment, being for expense of replacing three oak piles broken by the steamship "Labrador," of said line, at the end of Pier 43, North river, on October 14, 1879.

On motion, the following appointments were made, to wit :

Henry L. Coshland, as a Watchman, and Hugh J. Daly, as a Watchman, in place of Patrick Kiernan.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a special meeting of the Board of Docks, held November 28, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

A communication was received from the Comptroller, advising that, in view of the fact that the failure of John M. C. Scully to deliver the material within the time specified in his contract has not caused the city to sustain any loss or damage whatsoever, he had decided to remit the penalties imposed by this Board ; and, being read,

On motion, the following preamble and resolution was adopted :

Whereas, By virtue of the power vested in the Finance Department by section 31 of chapter 335, Laws of 1873, the Comptroller has decided to remit a portion of the penalty imposed by the Department against John M. C. Scully, for non-delivery of small cobble and rip-rap stone within the time agreed upon under his contract, for furnishing said material, and deducted in the sum of \$1,450 from audited claim No. 6146, on November 19, 1879 : therefore

Resolved, That a requisition be and is hereby directed to be drawn upon the Comptroller for the sum of \$1,350, being the amount now due said John M. C. Scully under said audited claim consequent upon the said penalty being remitted to that extent, and that the bookkeeper charge the said sum to the said contract, so that the accounts of the Department shall exhibit Estimate No. 4 under said contract as settled and paid in full in the sum of \$1,775.17.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held December 2, 1879.

Present—Commissioners Dumack and Vanderpoel.

On motion, Commissioner Dumack took the chair.

The Engineer-in-Chief submitted requisitions for about 200 cubic yards of small cobble stone, and for about 700 cubic yards of riprap stone, and stated that the material was required immediately for the bulkhead wall in progress of construction at Chambers street, North river.

On motion, the following resolution was unanimously adopted:

Resolved, That the Treasurer be and is hereby authorized and directed to purchase, for the uses and purposes of the Department, about 200 cubic yards of small cobble stone, at a price not exceeding 40 cents per cubic yard, and about 700 cubic yards of riprap stone, at a price not exceeding 40 cents per cubic yard, all in accordance with the specifications set forth in the proposals for furnishing such material, opened by this Department on May 3, 1879, as required by Requisitions Nos. 2312 and 13, drawn by the Engineer-in-Chief this date.

On motion, the Board adjourned.

WM. M. WHITNEY, Secretary pro tem.

At a meeting of the Board of Docks, held December 3, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held November 26, 1879, were read and approved.

A communication was received from Comptroller, stating that he had decided to remit the penalty imposed on contract with Cyrus J. Hall, contractor, for furnishing granite stones, this Department having certified that the city had not sustained any loss or damage in consequence of the material not being delivered within the time specified, and, being read,

On motion, the following preamble and resolution was adopted:

Whereas, By virtue of the power vested in the Finance Department, by section 31 of chapter 35, Laws of 1873, the Comptroller has decided to remit the penalty imposed by this Department against Cyrus J. Hall, for non-delivery of granite stones within the time agreed upon under his contract for furnishing said material, and deducted in the sum of \$2,450 from audited claim No. 778, on September 25, 1879; therefore

Resolved, That a requisition be and is hereby directed to be drawn upon the Comptroller for the sum of \$2,450, being the amount now due said Cyrus J. Hall, under said audited claim, consequent upon the said penalty being remitted, and that the Bookkeeper charge the said sum to the said contract, so that the accounts of the Department shall exhibit said contract as settled and paid in full in the sum of \$6,425.68.

The following communications were received, read, and:

On motion, laid on the table to await action as stated, to wit:

From Captain of the Port. In reference to the occupation of Pier 40, East river, by sailing vessel W. M. Bassett, agent, requested to call upon the Commissioners in reference to his application to erect a shed on said premise.

From Engineer in Chief, the following reports:

1st. In reference to the cost of building a pier at One Hundred and Nineteenth street, Hudson river. Commissioner to visit the premise.

2d. In reference to repairs required to bulkhead in front of Coes Stores at Water street, East river. Engineer in Chief directed to examine and report in regard to the expense and advisability of repairing the above premises, and of building a new retaining structure in front of the existing bulkhead.

3d. As to repair needed to Piers 58 and 59, East river. Secretary directed to notify the owner of south side of Pier 58, East river, to call upon the Commissioners in reference thereto.

The following communications were received, read, and:

On motion, placed on file, action being taken where necessary as stated, to wit:

From Providence & Stonington Steamship Company. In reference to the rent to be charged for Pier, old 29, North river, after February 1, 1880. Secretary directed to advise in reply that the rent to be charged for said pier from 1st of February to the 1st of May, 1880, will be at the rate per annum for which the lease of the said premises shall be sold at public auction, to be held on or about the first mentioned date.

From Police Department. To have dredging done at pier at Market street, East river. Engineer in Chief directed to make requisition for necessary dredge, scows, and labor to excavate and remove from said premise five scow loads of mud, in order to accommodate the boats of the Bureau of Street Cleaning.

From Engineer in Chief, the following reports:

1st. As to repairs made to Pier 19, East river.

2d. As to the placing of a telegraph pole at the foot of Christopher street, North river. Application of the Western Union Telegraph Company, in reference to the same, taken from the table and placed on file, and the Secretary directed to notify said company that this Department has no power to grant permission to use the space recently acquired by the new improvements, for the purpose referred to.

3d. As to condition of bulkhead between Piers 42 and 43, East river.

4th. As to dredging required at foot of Twenty-third street, North river.

5th. As to work performed during week ending November 29, 1879.

From Mark Goodwin—Claim of \$234 against John M. C. Scully, contractor, for furnishing small cobble and rip-rap stone.

From Clarence L. Bleakely—Claim of \$737.30 against John M. C. Scully, contractor, for furnishing small cobble and rip-rap stone.

From G. McMurray—Claim of \$567 against John M. C. Scully, contractor, for furnishing all cobble and rip-rap stone.

From John C. Rose—Claim of \$166 against John M. C. Scully, contractor, for furnishing all cobble and rip-rap stone.

From James G. Dayton—Claim of \$113 against John M. C. Scully, contractor, for furnishing all cobble and rip-rap stone.

The Auditing Committee presented an audit of nine bills or claims, amounting in the aggregate to the sum of \$3,532.46, and being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

An opinion was received from the Counsel to the Corporation in reference to the boat-house situated at the foot of Twenty-eighth street, East river, belonging to the Friendship Boat Club, stating that this Department have not now, and never have had authority to permit the erection or maintenance of a boat-house in question, and should cause the same to be removed; and, being read,

On motion, the Secretary was directed to notify the Friendship Boat Club to remove without delay the boat-house occupied by them, from the water-front at Twenty-eighth street, East river, the Counsel to the Corporation having rendered his opinion to the effect that this Department not authorize the use of the wharf property of the city except for commercial purposes.

The applications of John MacArthur, under date of January 8, and March 13, 1878, were,

On motion, taken from the table and placed on file, and the following resolution adopted:

Resolved, That permission be and is hereby granted to John MacArthur, owner of water-front, between Seventy-third and Seventy-fourth streets, East river, to blast out and remove, at his own expense, all rock in front of said premises lying easterly and outside of the established head line, so as to provide a depth of fifteen feet at mean low water, the work to be done under supervision and direction of the Engineer-in-Chief of this Department, and in accordance with the requirements as that officer may prescribe.

A communication was received from the Engineer-in-Chief, stating that the repairs necessary to be made to pier 55, East river, to put it in serviceable condition for three years, would cost about \$10,000; and, being read,

On motion, the Engineer-in-Chief, was directed to repair said pier in accordance with his report.

On motion, Daniel Sullivan and Philip A. Lent were appointed Watchmen, and Timothy McGowan and Timothy F. Sullivan, Night Watchmen, discharged, and the resignation of John McNigan, Night Watchman, accepted.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks held December 10, 1879.

Present Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held November 28, December 2 and 3, 1879, were read and approved.

A communication was received from the Engineer-in-Chief, as to the amount of material removed in scows belonging to this Department for dredging slips, etc. : and, being read,

On motion, the following resolutions were adopted :

Resolved, that the Treasurer be and is hereby authorized and directed to prepare a statement of claim in the sum of \$69.24, and present the same to Chandler H. Loomis for payment, being for use of scows of the Department in removing, from November 1 to 30, 1879, 3,462 cubic yards of material dredged by him under contract of 18th June, 1879, with this Department, at two cents per cubic yard.

Resolved, That the Treasurer be and is hereby authorized and directed to prepare a statement of claim in the sum of \$215.20, and present the same to the Union Dredging Co. for payment, being for use of scows of the Department, in removing from November 1 to 30, 1879, 10,760 cubic yards of material dredged by the Company under orders of the Treasurer of this Department, at two cents per cubic yard.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From John Fagan In reference to his occupancy of water-front at the foot of Sixty-second street, East river. Applicant requested to call upon the Commissioners in reference to the subject.

From N. Y., Lake Erie & Western R. R. Co., lessee—For permission to erect a shed on Pier, new 20, North river. Referred to the Engineer-in-Chief to examine and report on the plans of the structure submitted by said company.

From Knickerbocker Ice Co., lessee—For permission to erect platform at south side of pier at Twentieth street, North river, to facilitate the landing of ice. Applicant requested to file in this office the consent of the Harbor Master of the District to the erection of the proposed platform.

From Old Dominion S. S. Co., lessee—For permission to erect shed on Pier, new 26, North river. Engineer-in-Chief directed to examine and report on the plans of the proposed structure submitted by said Company.

From H. L. Morris and E. A. Galindo—For permission to erect dock on east side of Harlem river, adjacent to One Hundred and Fiftieth street. Engineer-in-Chief directed to examine and report if any objection exists to a pier being built at that point.

From Engineer-in-Chief—As to the cost of rebuilding bulkhead between Seventeenth and Eighteenth streets, East river, and dredging in front thereof.

The following communication was received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From John M. C. Scully—In reference to material called for under his contract with the Department for furnishing small cobble and rip-rap stone. Secretary directed to advise in reply that no material has been received from any one other than himself under the aforesaid contract.

From Police Department—To have the booth standing on the approach to Pier, new 46, North river, removed. Secretary directed to notify the owner of said booth to remove it forthwith from the premises.

From Knickerbocker Ice Company, lessee—Agreeing to pay rent for the land under water covered by the extension to be made by said Company to pier at Twentieth street, North river.

From Engineer-in-Chief—As to work performed during week ending December 6, 1879.

From Alexander J. Howell—Claim for \$531.20 against John M. C. Scully, contractor, for furnishing small cobble and rip-rap stone.

From John P. Lillies—Claim for \$57.13 against John M. C. Scully, contractor, for furnishing all cobble and rip-rap stone.

From C. J. Winant—Claim for \$290.15 against John M. C. Scully, contractor, for furnishing all cobble and rip-rap stone.

From William Gammons—Claim for \$304.35 against John M. C. Scully, contractor, for furnishing small cobble and rip-rap stone.

From John Bohling—Claim for \$205 against John M. C. Scully, contractor, for furnishing all cobble and rip-rap stone.

On motion, John Atkinson and Thomas Hines were appointed Dockbuilders.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held December 12, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

A communication was received from the Engineer-in-Chief, stating that in his opinion the delivery of material under the contract of John M. C. Scully, with this Department, dated 14th July, 1879, is unreasonably and unnecessarily delayed, and that it has been so for more than four weeks past, and, being read,

On motion, the following preamble and resolution was adopted :

Whereas, Pursuant to resolution of this Board, adopted November 26, 1879, written notice was served upon John M. C. Scully, to furnish and deliver certain quantities of small cobble and



rip-rap stone under his contract with the Department, dated July 14, 1879, the Engineer-in-Chief having certified in writing, that date, that in his opinion the delivery of that material ordered by him under said contract, was unnecessarily and unreasonably delayed : and,

Whereas, The said material has not been delivered, although ten days have elapsed since the delivery to the said contractor of said notice to furnish such material, and the Engineer-in-Chief having this day again certified in writing that in his opinion the delivery of material under said contract is unnecessarily and unreasonably delayed, and that it has been so for more than four weeks past : therefore

Resolved, That pursuant to the power vested in this Board, by paragraph or section 22 of the said contract, notice be and is hereby given to the said John M. C. Scully, to discontinue any and all delivery of material under the said contract.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a special meeting of the Board of Docks, held December 13, 1879.

Present Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The Engineer-in-Chief submitted requisitions for about 2,200 cubic yards of small cobble stone, and for about 5,725 cubic yards of rip-rap stone, and stated that the material was required immediately for the bulkhead wall now in progress of construction.

On motion, the following resolution was unanimously adopted :

Resolved, That the Treasurer be and is hereby authorized and directed to purchase, for the uses and purposes of the Department, of James Mulry, about 200 cubic yards of small cobble stone, at eighty cents per cubic yard, and about 225 cubic yards of rip-rap stone, at fifty-nine cents per cubic yard, and of John A. Bouker, about 5,500 cubic yards of small cobble stone, at eighty cents per cubic yard, and about 5,500 cubic yards of rip-rap stone, at fifty-nine cents per cubic yard, all in accordance with the specifications set forth in the proposals for furnishing such materials, opened by this Department on May 5, 1879, as required by requisitions Nos. 2319, 2320, 2328, 2329, drawn by the Engineer-in-Chief this date.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held December 16, 1879.

Present—Commissioners Dimock and Vanderpoel, and the Comptroller of the City.

On motion, Commissioner Dimock took the chair.

Two proposals were received for dredging the slip between piers at Twenty-third and Twenty-fourth streets, North river, as follows, to wit :

1. Chandler H. Loomis, at 35 cents per cubic yard.
2. Morris & Cumings Dredging Co., at 37½ cents per cubic yard.

and being read, were,

On motion, laid on the table for examination.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held December 17, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held 10th, 12th, 13th, and 16th instant were read and approved.

A communication was received from the Finance Department, stating that it does not appear in the records of that Department that Chandler H. Loomis is in default or arrears to the corporation ; and, being read,

On motion, it was

Resolved, That the contract for dredging the slip between piers at Twenty-third and Twenty-fourth streets, North river, be and is hereby awarded to Chandler H. Loomis, of 435 West Twenty-fifth street, his bid for doing said work being the lowest under proposals publicly opened 16th December, 1879.

A report was received from the Engineer-in-Chief, approving plans submitted by the N. Y., Lake Erie & W. R. R. Co. for the erection of a shed on Pier, new 20, North river, leased by said Company ; and, being read,

On motion, the application of said Company was taken from the table and placed on file, and following resolution adopted :

Resolved, That permission be and is hereby granted to the New York, Lake Erie & Western R. Co., lessee of Pier, new 20, North river, to erect and maintain, during the pleasure of this Board, a shed to cover said pier, for the protection of property received and discharged thereat by said transportation ; said shed to be constructed subject to the regulations of the Superintendent

of Buildings, as required by chapter 249, Laws of 1875, and in accordance with the plans submitted to and approved by the Engineer-in-Chief of this Department, and now on file in this office, and all the work to be done under the supervision of that officer.

A report was received from the Engineer-in-Chief, approving plans submitted by the Old Dominion Steamship Co. for the erection of a shed on Pier, new 26, North river, leased by said Company and being read,

On motion, the application of said Company was taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and is hereby granted to the Old Dominion Steamship Company, lessee of Pier, new 26, North river, to erect and maintain, during the pleasure of this Board, a shed to cover said pier, for the protection of property received and discharged thereat by steam transportation : said shed to be constructed subject to the regulations of the Superintendent of Buildings, as required by chapter 249, Laws of 1875, and in accordance with the plans submitted to and approved by the Engineer-in-Chief of this Department, and on file in this office, and the work to be done under the supervision of that officer.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From Engineer-in-Chief, the following reports :

1st. As to repairs needed to Pier, new 41, North river.

2d. As to dredging needed between Piers, new 41 and 42, North river. Louis de Bebian, Agent Compagnie Générale Transatlantique, lessee of Pier, new 42, North river, requested to call upon the Commissioners in reference to the dredging of said premises.

3d. Stating that there appeared to be no objection to the erection of a pier on Harlem river, at One Hundred and Fiftieth street, as applied for by H. L. Morris and E. A. Galindo.

4th. As to repairs needed to Pier 21, East river.

From Captain of the Port In reference to class of vessels using Pier 49, East river. W. M. Bassett, occupant of said pier, requested to be present at the next meeting of the Board.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Old Dominion Steamship Co., lessee of Pier, new 26, North river—Requesting that mooring-posts be placed thereon, in positions as indicated on plans submitted. Engineer-in-Chief directed to have the mooring posts placed in accordance with the request of said Company.

From Old Dominion Steamship Co.—To have some minor repairs made to the sheathing of Pier, old 37, North river. Engineer-in-Chief directed to make the repairs referred to at a cost of about \$25.

From F. Alexandre & Sons—In reference to the dredging ordered by this Department to be done by the owners of Pier 3, North river. Secretary directed to notify the applicants that the owners of said pier have stated that the dredging adjacent to Pier 3 has been ordered by them, and will be proceeded with as soon as possible.

From New York, New Haven & Hartford Railroad Co.—In reference to platform proposed to be erected in front of bulkhead south of Montgomery street, East river, in case said Company should acquire possession of the said bulkhead. Secretary directed to advise in reply that action cannot be had except on a formal application, and that it has been the custom of the Department, in granting such privileges, to charge rent for the land under water covered by said structure, and in the present instance, if no improper reason exists, their application will receive favorable consideration.

From Davies, Work, McNamee & Hilton—Asking that the lease of the Staten Island Railway Company to premises at foot of Whitehall street be submitted to them as counsel for said Company. Request granted.

From John Quinn—Claim for \$100.20 against John M. C. Scully, contractor for furnishing stone.

From R. Montgomery—Claim for \$156 against John M. C. Scully, contractor for furnishing stone.

From Engineer-in-Chief, the following reports :

1st. Stating that there are several dangerous holes in the deck of pier at foot of Fifty-seventh street, North river. Frederick Schecker, lessee of said pier, directed to make the repairs referred to in accordance with the terms and conditions of his lease.

2d. As to work performed during week ending December 13, 1879.

3d. Stating that to erect a bulkhead as proposed between Fifty-ninth and Sixty-first streets, East river, would involve an expenditure of about \$8,000.

Reports of Engineer-in-Chief, dated June 15, 1878, and on Secretary's order 1370 and communication from George N. Williams in reference to erecting wharf accommodations in the vicinity of Sixtieth street, East river, taken from the table and placed on file, and the Engineer-in-Chief directed to prepare specifications and contract for proposals for building by contract a bulkhead of about 260 feet in length, between said Fifty-ninth and Sixty-first streets.

From J. L. Prosius, Harbor Master Stating that he had assigned to the Knickerbocker Ice Company the exclusive use of the pier at Twentieth street, North river. Application of said Company to erect a platform at said pier, leased by them, taken from the table and placed on file, and the Secretary directed to notify them that this Department has no objection to their placing and retaining, under the supervision of the Engineer-in-Chief of this Department, on the south side of pier at foot of Twentieth street, North river, a platform to extend the entire length of said pier, for the landing and discharging ice, the consent of the Harbor Master having been filed in this office, but the Department reserves the right to cause its removal at any time it may so elect.

The Auditing Committee presented an audit of thirteen bills or claims, amounting in the aggregate to the sum of \$833.46, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

*On motion, the following communications were taken from the table and placed on file:*

*From New York Central and Hudson River Railroad Company—For permission to have piles at Sixty-fifth street, North river, to protect piers below.*

*From S. H. Mill—In reference to refuse, etc., for use in pier 23, East river.*

*From Charles Dunlop and others—To have incinerators on pier at Twenty-third street, East river, removed.*

*From Commissioners of the Sinking Fund—In relation to use of site of Long Pier at East Seventeenth street yard.*

*From John W. Jacobus—For permission to erect a dierrick on bulkhead between Clarkson and Ferry streets, North river.*

*From W. A. Jenks—For permission to occupy dock foot of Twenty-second street, East river.*

*From Osborn & Robinson—For permission to erect shed on Pier 13, North river.*

*From S. D. Coykendall and J. H. Tremper—To lease north side of Pier, old 34, North river.*

*From Mutual Benefit Ice Co.—To lease bulkhead at Fifty-second street, North river.*

*From Long Branch Ocean Pier Company—To lease south side of Pier, new 1, North river.*

*From Department of Public Works—As to the temporary sewer opening at Clarkson street, North river.*

*From Edward Minton & Moses Taylor—In reference to lease of Pier to be built on site of Pier, old 33, North river.*

*From Department of Public Charities and Correction—In reference to having additional dock accommodations for its use for transferring fire apparatus, etc., to the Islands.*

*From Michael Kane—As to repairs needed to the pier at Forty-sixth street, East river.*

*From Henderson Brothers, lessees of Pier, new 46, North river—To have dredging done.*

*From Eldridge & Warren—To erect platform, etc., at bulkhead at Fifty-third street, East river.*

*From Eldridge & Warren—As to dimensions of proposed platform at Fifty-third street, East river.*

*From G. H. Fletcher, Attorney for Eldridge & Warren—In reference to lease of Pier at Fifty-third street, East river.*

*From New York, Lake Erie & Western Railroad Company—In reference to approach to ferry at Chambers street, North river.*

*From Police Department—To have dredging done at one of the dumping boards at Pier at Thirty-seventh street, North river.*

*From E. S. Martin—In reference to lease of Pier, old 39, North river.*

*From Jacob Lorillard, trustee—In reference to obtaining a berth at Pier, new 1, North river.*

From Department of Public Works—As to use by tugboats of bulkhead at Twelfth street, North river.

From Consumers' Ice Company—To place an office on bulkhead at Horatio street, North river.

From John G. Peene—In reference to condition of bulkhead south side of Pier 35, North river.

From S. R. Peene and others—To have dredging done at Piers, old 34 and 35, North river.

From N. Y. City Ice Co. —To place weigh-office and tool-house on bulkhead north side of Westsvooort street, North river.

From Daniel Dailey —To erect dumping-board at Bethune street, North river.

From P. F. Keenan —To erect dumping-board at bulkhead north of Bank street, North river.

From Cobanks & Theall and others—Protesting against erection of dumping-board at Bank street, North river.

From J. H. Vanderbilt and others —Protesting against erection of dumping-board at Bethune street, North river.

From John D. Tracy—To erect a dumping-board on bulkhead north side of Bank street, North river.

From Alfred Wagstaff—In reference to having a derrick placed between Morton and Leroy streets, North river.

From J. M. Goetchius—To drive piles and erect platform for ferry purposes between One Hundred and Thirtieth and One Hundred and Thirty-first streets, North river.

From W. B. Cragin—As to incumbrances on piers and bulkheads in vicinity of Bank street, North river.

From C. H. Longstreet, Superintendent—To make landings at Pier, new 1, North river.

From Samuel L. Hitchman—In reference to damage done to platform between Piers 17 and East river.

From Harlem & New York Navigation Co.—To have lease of Pier at Fifty-third street, North river, executed direct to them.

From Old Dominion Steamship Co., lessee—To have Pier, new 26, North river, built.

From Pennsylvania Railroad Co.—To erect platform, repair and extend Pier 16, North river, etc.

From Charles Heckman—In reference to removal of dumping-board at Seventeenth street, North river.

From Police Department—Requesting that piles be driven at Gravesend Bay.

From Thomas Rutter—For permission to build platform dock between Sixtieth and Sixty-first streets, East river.

From A. Geoghegan—To lease water front foot of Sixty-second street, East river.

From John M. C. Scully—To erect dumping-board for stone at One Hundred and Fifty-ninth street, North river.

From Dayton Brothers To erect a dumping-board between Fifteenth and Sixteenth North river.

From John Macarthur—For permission to excavate, etc., in front of water front between Seventy-third and Seventy-fourth streets, East river.

From Henry F. Goodwin To use portion of Pier 53, East river, as a landing for launch.

From Twenty-third Street Railway Co. and others—To have filth removed from Twenty-third street, North river.

From Jacob Sharp In reference to filthy condition at the foot of Twenty-third North river.

From Knickerbocker Ice Co.—For reduction of rent for extension to pier at Twentieth North river.

From George N. Williams and others For wharf accommodations between Fifty-ninth and Sixty-first streets, East river.

From Engineer-in-Chief, the following reports :

- 1st. In reference to the condition of bulkhead at Fifty-second street, North river.
- 2d. As to dredging required at Pier, new 46, North river.
- 3d. As to dredging needed at bulkhead, south side of Pier, old 35, North river.
- 4th. As to repairs necessary to pier at Forty-sixth street, East river.
- 5th. As to repairs required to pier at Seventy-ninth street, North river.
- 6th. As to dredging needed at ferry premises at Twenty-third street, North river.
- 7th. As to dock most suitable for Department of Public Charities and Correction to receive fire engines and firemen from the city to the islands under their control.

The Secretary submitted the Annual Report of the Department for the year ending April, 1879, being its Ninth Annual Report, prepared in compliance with the requirements of division 9 of section 6, chapter 574, Laws of 1871, and of sections 88 and 119 of chapter 335, of 1873 : and, being read, was,

On motion, approved and adopted, and the Secretary directed to transmit the said report to his Honor the Mayor.

On motion, the Secretary was authorized and directed to have 1,000 copies of the Annual Report of the Department for the year ending April 30, 1879, printed in proper form.

On motion, the resignation of Patrick Cane, Night Watchman, was accepted.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held December 22, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

A communication was received from the Police Department, requesting that places be furnished on the North and East rivers from which ice and snow can be dumped, and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to dump clean snow and ice, during the next season, from the following-named premises, to wit :

All dumping-boards on the water-front when not in use by the Police Department.

On East river—East half Pier 53, and west half Pier 54 ; pier at Third street, bulkheads at the North end, Eighteenth, Twenty-ninth, and Forty-second streets.

On Harlem river—Piers at One Hundred and Sixth, One Hundred and Seventeenth, and One Hundred and Twenty-fifth streets.

On North river—Pier, new 41, foot of Leroy street.

The dumping of other material than clean snow and ice is strictly prohibited, and in all cases the dump must be made into the river, and not upon any of the premises named herein.

On motion, the Secretary was directed to address a communication to the Police Department, informing them that this Board protests against the dumping into the North and East rivers of the material now on Broadway, under the authority granted by the foregoing resolution.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From Department of Public Charities and Correction—In reference to having facilities provided for by this Board for the transportation of fire engines, etc., to and from the several districts under charge of said Department, in case of fire. Secretary directed to request the Commissioners of said Department to call at this office in reference to their application.

From Charles A. Coe—For permission to repair bulkhead, build pier, and erect shed thereon out of warehouses owned by him on Water street, between Corlears and East streets, East River. Applicant requested to call upon the Commissioners in reference to his application.

From Police Department—To have dredging done at the dumping-board at Thirty-seventh street, North river. Engineer-in-Chief directed to examine and report the dredging required at the premises to accommodate the boats of the Bureau of Street Cleaning.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From Old Dominion Steamship Co. —Asking that they be allowed the use of the inner end of pier, old 37, North river, with the shed thereon, until the shed now building by them on the North end of Pier, new 26, North river, shall be completed. Permission granted to said Company to use the premises referred to until the 20th day of February, 1880.



From Chandler H. Loomis—Accepting to contract for dredging slip between piers at Twenty-third and Twenty-fourth streets, North river, under award made on 17th instant.

From Frank Thomson, General Manager of the Pennsylvania Railroad Company—Stating his inability to be present at the meeting held this day, in reference to the improvements contemplated at Pier, old 38, North river. Secretary directed, in reply, to request that he inform this Board at what time near at hand he will be able to call on the Commissioners in reference to the improvements contemplated to be made at the aforesaid premises, if he should desire to see them before the work is commenced.

From Engineer-in-Chief

1st. Stating that repairs are needed to Pier 46, East river, at a cost of about \$500, and to Pier 47, East river, at a cost of about \$200.

Joseph V. Brown, lessee of Pier 46, East river, directed to make the repairs as reported by the Engineer-in-Chief, in accordance with the terms and conditions of sale held April 15, 1878, under which the lease of said premises was purchased by him. Secretary directed to notify the owner of Pier 47, East river, to make the necessary repairs thereto in accordance with the report of the Engineer-in-Chief.

2d. As to repairs needed to be made to pier at Fifth street, East river. Application of Joseph V. Brown, lessee, under date of October 8, 1879, to have said pier repaired by this Department, and the report of the Engineer-in-Chief on Secretary's order 1397, in relation thereto, taken from the table and placed on file, and said lessee directed to make the repairs to said pier as reported by the Engineer-in-Chief, in accordance with the terms and conditions of sale, held March 13, 1879, under which the lease of said premises was purchased by him.

From B. F. Cashman—Claim for \$144.59 against John M. C. Scully, contractor, for furnishing stone.

On motion, the application of Henry L. Morris and E. A. Galindo, to erect a dock on east side of Harlem river, adjacent to the northerly side of One Hundred and Fiftieth street, and the report of the Engineer-in-Chief on Secretary's order 1459, in relation thereto, were taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and is hereby granted to Henry Louis Morris to construct at his own cost and expense, upon lands under water owned by him on the easterly side of Harlem river, adjacent to the northerly line of One Hundred and Fiftieth street, a pile pier, about 150 feet in length and 40 feet in width, the outer end of said pier when constructed to be within the bulk-head line as established in 1868, and further that he be permitted to erect a platform on piles within the lines of One Hundred and Fiftieth street, about 150 feet long and 13 feet wide, as an approach to said pier, provided that whenever One Hundred and Fiftieth street shall be opened by law, the said approach shall revert to and become the property of the city without compensation or claim for damages of any kind whatsoever, the work to be done under the supervision of the Engineer-in-Chief, and in accordance with the plans on file in this department :

On motion, the following preamble and resolution was unanimously adopted.

Whereas, J. P. Cranford and N. B. Abbott, known under the style of the "Abbott Pavement Co.," laid an asphalt pavement on Pier, new 1, North river, and on the walks at adjacent

at landing, pursuant to the orders of the Department issued under dates of April 16 and May 14, 78; and

Whereas, The bills or claims of said company for doing said work have not yet been audited and passed for payment, for the reason that said pavements have not thus far resulted wholly to the satisfaction of the Department; and

Whereas, The said Company now consents to a reduction of twenty-five per cent. from the sum for the pavement laid on the said pier, and will agree to place all of said pavements in good repair, should damage arise or grow out of their surface becoming or continuing in a softened condition during five years from January 1, 1880, and will further agree that the cost and expense to the city for making said repairs shall not exceed the sum of \$100 per annum during that period; therefore,

Resolved, That the officers of this Board be and are hereby authorized and empowered to sign contract in triplicate, and affix the Department seal thereto, when approved as to form by the Counsel to the Corporation, stipulating with the said Company for its acceptance, in full settlement of all claims for the laying of the said pavements, of seventy-five per cent. of the bill or claim for that on the said pier, and the full amount of the bill or claim for that on the walks of the boat landing, and for the repairing of all damage arising from any softened condition of said pavements during five years from January 1, 1880, free of cost and expense to the city beyond the sum of \$100 per annum, in consideration of the said pavements being retained and accepted by the Department in their present condition.

The Auditing Committee presented an audit of one bill or claim, amounting in the aggregate the sum of \$6,552.20, and being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bill, together with a proper requisition for the amount, to the Finance Department for payment.

On motion, the Secretary was directed to notify Henry Miller, Jr., lessee of Pier 54, North River, to repair the surface thereof, and replace six new mooring piles, in accordance with the terms and conditions of sale held March 14, 1878, under which the lease of said premises was purchased by him, reported to be necessary by Superintendent Smith.

On motion, the Secretary was directed to notify Thomas O'Rorke, lessee of west side of Pier 5, East river, to call at once at this office and execute the lease of said premises, purchased by him at public sale held March 14, 1878, and should he fail to comply the Commissioners will take such action as may be necessary to annul said lease.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held December 24, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held 17th instant were read and approved.

On motion, the application of W. M. Basset, Agent for Central Vermont R. R. and Steamer Line, for permission to erect a shed on Pier 49, East river, occupied by him, and the communication from the Captain of the Port in reference to vessels using said premises, were,

On motion, taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and is hereby granted to the Central Vermont R. R. and Steamer Line, lessee of Pier 49, East river, to erect and maintain, during the pleasure of this Board, a shed to cover said pier, for the protection of property received and discharged thereat by steam transportation ; said shed to be constructed subject to the regulations of the Superintendent of Buildings, as required by chapter 249, Laws of 1875, and in accordance with plans to be first submitted to and approved by the Engineer-in-Chief of this Department, and all the work to be done under the supervision of that officer.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :  
From Engineer-in-Chief—

As to work performed during week ending December 20, 1879.

From John E. Walsh—Asking that plans and drawings submitted by him, with his proposition to build bulkhead walls by means of a coffer dam, be returned to him. Engineer-in-Chief directed to return to Mr. Walsh any plans or drawings in his possession relating to the subject.

From Terence O'Brien—Claim for \$36.25 against John M. C. Scully, contractor for furnishing stone.

From J. M. Goodwin—Claim for \$28 against John M. C. Scully, contractor for furnishing stone.

The Auditing Committee presented an audit of sixteen bills or claims, amounting in the aggregate to the sum of \$6,245.02, and being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

Charles A. Coe appeared in reference to his application to erect a pier in front of his warehouses on Water street, East river, between Corlears and East streets, and, being heard at length,

On motion, the Engineer-in-Chief was directed to examine and report as to the expediency of building a pier as petitioned for out to the established bulkhead and pier line.

The Engineer-in-Chief reporting that the New York Central & Hudson River Railroad Company were filling-in the water-front at the foot of Sixty-sixth street, North river,

On motion, the Secretary was directed to notify said Company to discontinue the filling-in now being done on the water-front between Sixty-fifth and Sixty-sixth streets, North river, until a retaining structure along Sixty-sixth street, out to the existing bulkhead, shall have been constructed, order to retain the material which may be deposited inside thereof, complaint having been made this Department that the material deposited at the above point is washing out into the river.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held December 31, 1879.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held 22d and 24th instant were read and approved.

A communication was received from the New York Central & Hudson River Railroad Company for permission to fill in water front owned by them, between Sixty-fifth and Sixty-sixth streets, North river, and being read,

On motion, it was

Resolved, That permission be and is hereby granted to the New York Central & Hudson River Railroad Company, owners of water front between Sixty-fifth and Sixty-sixth streets, North river, to fill in the same with solid filling out to the line of the existing bulkhead between said streets; provided that before the work of filling-in is commenced, a retaining structure shall be built by said Company at its own cost, and upon plans to be first submitted to and approved by the Engineer-in-Chief of this Department, from the foot of Sixty-sixth street out to the aforesaid bulkhead, in order to prevent any material deposited thereat from washing into the river.

The following communications were received, read, and,

On motion, laid on the table, to await action as stated, to wit:

From Commissioner of Public Works—To have plans furnished as to grade of West street as needed, etc. Engineer-in-Chief directed to examine and report on same.

From Counsel to the Corporation—Opinion as to title of pier at Sixty-first street, East river.

Mr. Towle, on behalf of the claimant to said property, being present, asked that no action be taken by the Board in reference to the matter for a few days, and that he would in the mean time collect the wharfage accruing at said pier, and keep a separate account of the amounts so received, request granted.

The following communications were received, read, and.

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Finance Department—Approving of sureties to proposals of Chandler H. Loomis, for dredging slip between piers at Twenty-third and Twenty-fourth streets, North river.

From James Slattery - Claim for \$13.65 against John M. C. Scully, contractor for furnishing stone.

From Engineer-in-Chief

1st. In reference to the expediency of a pier being built in front of Coe's stores on Water street, between Corlears and East streets, East river.

Report of Engineer-in-Chief on Secretary's Order 1437, in reference to the same and the application of Charles A. Coe to repair bulkhead in front of his warehouses on Water street, and to erect pier and shed thereon, taken from the table and placed on file, and the said application denied for the reason that after a careful examination of said premises, in the opinion of the Engineer-in-Chief no structure of any kind should be built extending from said bulkhead as proposed having a greater length than 125 feet.

2d. As to work performed during week ending December 27, 1879.

The Auditing Committee presented an audit of fifteen bills or claims amounting in the aggregate to the sum of \$9,691.58, and being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

A communication was received from the Counsel to the Corporation giving his opinion as to the action this Department is authorized to take to compel owners of wharf property to make proper repairs thereto, and, being read,

On motion, the Secretary was directed to draft a proper regulation requiring owners and lessees of wharf property to keep their premises in good repair, and submit the same to the Counsel to the Corporation for approval as to form.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held January 7, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held December 31, 1879, were read and approved.

A communication was received from Compagnie Générale Transatlantique, stating, that they desired to defer the work of dredging adjacent to their Pier, new 42, North river, until the Department was ready to dredge adjacent to Pier, new 41, as it appeared to be desirable that the work of dredging the slip should be done at the same time, provided that operations be not deferred longer than March next. Secretary directed to state in reply, that the Department is anxious to have the desired dredging done as soon as the coming season will permit, and will endeavor to have it commenced by the date above mentioned.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From Stephen A. Jenks & Co.—For permission to place fender piles on Pier 13, East river. Action of the Commissioners on the 3d instant in granting the permission asked for, approved.

From William H. Webb—In reference to bulkhead property between Thirty-sixth and Thirty-seventh streets, North river.

From Engineer-in-Chief—

1st. As to work performed during week ending January 3, 1880.

2d. As to repairs necessary to Pier at Thirtieth street, North river.

From John P. Lillies—Claim for \$18 against John M. C. Scully, contractor, for furnishing one.

From Denis Leary—Claim for \$99.47 against John M. C. Scully, contractor, for furnishing one.

A report was received from the Engineer-in-Chief submitting draft of contract, specifications and plans for building a rip-rap embankment with rubble wall on top thereof, and wooden platform front of the same, from Sixtieth to Sixty-first street, East river, and, being read,

On motion, it was

Resolved, That the form of specifications and contract as prepared by the Engineer-in-Chief, for building rip-rap embankment, platform, etc., between Sixtieth and Sixty-first streets, East river, be and is hereby approved and adopted, subject to the approval of the Counsel to the Corporation as to form, and that the Secretary be and is hereby directed to have a sufficient number of blank forms of proposals printed, and proper advertisements inviting bids for doing said work inserted in the newspapers designated by law.

On motion, it was

Resolved, That the pay of Frederick Lang, Messenger, be and is hereby fixed at the rate of \$5 per week, to take effect on and after January 5, 1880.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held January 14, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held the 7th instant were read and approved.

A communication was received from the Counsel to the Corporation inclosing draft of regulation in reference to compelling owners, lessees and occupants of wharf property to keep the same in proper repair and slips adjacent thereto properly dredged, and, being read,

On motion, pursuant to authority vested in this Board by subdivision 7, section 6, chapter 574, Laws of 1871, the following regulation was adopted :

#### REGULATION 16.

The owners, lessees, and occupants of every pier, wharf, and bulkhead in the city of New York, shall keep the same in good repair, and the slips adjacent thereto, properly dredged ; and whenever, in the judgment of the Board of the Department of Docks, it shall be necessary so to do, written notices, signed by the President or Secretary of said Board, shall be served upon the owners, lessees or occupants, or collector of wharfage, of any such pier, wharf or bulkhead, or the slip adjoining the same, on which repairs or dredging are required by said Board, specifying the nature and extent of the repairs or dredging so required, and the time within which such repairs must be made, or such dredging done, and in case of failure of the owners, lessees, or occupants so notified to comply with the terms and requirements of such notice, they shall be liable to a penalty of \$50 per day for every day they shall neglect to comply with such notice.

On motion, the Secretary was directed to cause the said regulation to be published as recommended by the Counsel to the Corporation to comply with the requirements of said section 6.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From E. G. Tinker, Captain of the Port—In reference to the necessity for increased wharf accommodations on the East river for sailing vessels.

From Counsel to the Corporation—In reference to claim against R. Cornell White, lessee of Pier 37, East river. Secretary directed to furnish the data required.

From Engineer-in-Chief—As to repairing bulkhead, etc., in front of Coe's stores on Water street, East river.

From James I. Hart and James O'Neil—In reference to furnishing bills introduced in the Legislature of 1880. Secretary directed to ascertain the terms upon which said bills will be furnished to the Department.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Jeremiah Towle—In reference to title to premises at foot of Sixty-first street, East river. Superintendent Butler notified to collect wharfage from all vessels using said premises from this date,

the Counsel to the Corporation having advised this Department that the title to the pier at Sixty-second street, East river, is vested in the city.

From New York, Lake Erie and Western Railroad Company--For permission to remove the small buildings now between Piers, new 20 and new 21, North river, out to the edge of the bulkhead, as indicated on the tracing submitted. Application granted; the work to be done under the supervision of the Engineer-in-Chief of this Department.

From Wm. H. Webb--In reference to repairs needed to pier, Seventh street, East river.

From Compagnie Générale Transatlantique--In reference to repairs needed to the Croton water pipe leading from the west side of West street to Pier, new 42, North river, leased by said company. Engineer-in-Chief directed to make the necessary repairs to said water-pipe.

From Engineer-in-Chief, the following reports:

1. As to spring piles replaced at Pier, new 1, North river.
2. As to the completion of pier at Sixty-second street, East river.
3. As to repairs made to bulkhead at Seventeenth street, East river.
4. As to condition of Pier 46, East river.
5. As to work performed during week ending January 10, 1880.
6. Stating that proper facilities for shipping fire apparatus to the islands in charge of the Department of Public Charities and Correction can be afforded by providing suitable runways on piers Sixty-second and One Hundred and Seventeenth streets, East river, at a cost of about \$200 each. Communication from Department of Public Charities and Correction, in reference to the same, taken from the table and placed on file, and the Engineer-in-Chief directed to provide the accommodations on said piers in accordance with his report.

The Auditing Committee presented an audit of sixteen bills or claims, amounting in the aggregate to the sum of \$7,758.18, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills together with proper requisitions for the amount to the Finance Department for payment.

On motion, Thomas Patten was requested to call upon the Commissioner in reference to the half property at Ninety-third street, East river.

An application was received from the West Side and Yonkers Railway Company, with plans and drawings, asking that they be permitted to construct a bridge across Harlem river, at or near the end of Eighth avenue, and, being read, and Mr. Morris, on behalf of said company, being heard in length in reference to said application,

On motion, the Secretary was directed to address a communication to the Counsel to the Corporation, stating that said company appears to be the owner of the land lying under water on either side of the Harlem river, where said bridge is to be located, and that the consent to the erection of the bridge, from the Department of Public Parks, has been obtained, and that the plans thereof have been approved by the U. S. Engineer, in charge of the improvement of Harlem river, and requesting said counsel to give his written opinion as to the extent of the powers and duties of this Department in passing on the aforesaid application.



A requisition was received from the CITY RECORD, asking that a list be furnished of the officers and employes of the Department of Docks, as required by section 3, chapter 335, Laws of 1873, and, being read,

On motion, the Secretary was directed to furnish the list called for in said requisition.

On motion, it was

Resolved, That the pay of Samuel Fitzpatrick, Office Keeper, be and is hereby fixed at the rate of \$15 per week of six days, without allowance for extra time.

The Secretary, stating that the insurance against fire on the derrick "City of New York," to the amount of \$75,000, would expire on the 25th instant.

On motion, the Treasurer was authorized and directed to effect an equal amount of fire insurance, either by renewal of existing policies or otherwise, for one year from said date.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a meeting of the Board of Docks, held July 21, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held 14th instant were read and approved.

A communication was received from the Finance Department in reference to settlement of claim for arrearages of rent due from Isaac Fowler, lessee of Pier 61, East river, and, being read,

On motion, the communication from the Health Department, in reference to berths for night-soil boats, was taken from the table and placed on file, and the following resolutions adopted :

Resolved, That the Treasurer be and is hereby authorized and directed to make a reduction of \$375 per annum, from May 1, 1878, to February 1, 1880, from the rent payable by Isaac Fowler, under lease of Pier 61, etc., East river, purchased by him at public sale on March 14, 1878, consequent upon the failure of the Department to place him in full possession of the northerly half thereof, and the said allowance having been sanctioned and consented to by the Comptroller, under date of 17th instant,

Resolved, That the Secretary be directed to ascertain from the Health Department the date of the agreement presumed to have been recently entered into by it with the contractors for removal of night soil ; and from the said contractors as to whether it is their intention to continue in the occupancy of the northerly half of Pier 61, East river.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From Engineer-in-Chief—As to suspension from duty of James Cavanagh and Simon Fitzsimons, Night Watchmen.

From N. Y. Central & Hudson R. R. Co., with plans—To build piers, etc., between Sixty-fifth and Seventy-second streets, North river. Engineer-in-Chief directed to examine and report upon the same, and Chauncey M. Depew, Counsel of said company, requested to call upon the Commissioners in reference to said application.

From Engineer-in-Chief—As to dredging required at dumping board at pier at Thirty-seventh street, North river. Secretary directed to address a communication to the Police Department, calling attention to the various communications addressed to them in reference to the refuse and street cleanings which have for a long time past been deposited on the water front at Thirty-sixth and Thirty-seventh streets, North river, more or less of which has been washed into the river; and to state that some time since on a certain Sunday one of the Commissioners of this Department visited the premises and found a large gang of Italian laborers in the employ of the Police Department, engaged in shoveling the material into the water, covering up the outlet of the sewer at that point, such action not being only in violation of law, but highly injurious to the Harbor, and that in view of all the circumstances of the case this Department is uncertain what action it ought to take in reference to the application of said Department to have dredging done at pier at Thirty-seventh street, North river.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From Fire Department—In reference to having a pier built south of Pier, new 1, North river, for use of Fire steamer.

From Police Department—To have a scow turned over by the large floating derrick.

From Hendricks Brothers—For permission to insert drain-pipe in bulkhead, between Piers 1 and 12, East river. Application granted, the work to be done under the supervision of the Engineer-in-Chief of this Department.

From Orson M. Ford—Offering to furnish legislative documents for the session of 1880. Secretary directed to state in reply that arrangements have already been made with other parties to furnish the same.

From Thomas Douglass—In reference to furnishing the Department with his patent stone crusher. Secretary directed to advise in reply that this Department has no need for such a machine at present.

From Gustavus A. Karwiese—Asking that he be furnished with documents issued by the Department of Docks. Secretary directed to forward to him the last annual report of the Department.

From Engineer-in-Chief the following reports :

1. As to work performed during week ending January 17, 1880.

2. Stating that a quantity of rejected granite stone at East Seventeenth Street Yard should be removed back from the bulkhead in order that said bulkhead may be repaired.

Engineer-in-Chief directed to remove said stone at a cost of about \$100, and to repair the bulkhead, if found to be necessary, at a cost of about \$250.

3. Stating that the repairs to the surface of pier at Fifty-seventh street, North river, are necessary, at an estimated cost of about \$30.

Engineer-in-Chief directed to do the work in accordance with his report.

On motion, the Secretary was directed to address a communication to the Police Department, calling their attention to the method lately adopted of removing the dirt from Broadway and other streets and washing it into the sewers by use of Croton water, as in this manner large quantities of material are deposited in the sewers and ultimately into the slips of the water front, and that then this material has to be removed from the receiving-basins of the sewers, and from the slips by dredging, involving a much greater expense than if it were carted direct from the streets and removed from the limits of the city, and that this manner of removing the dirt from the streets appears, in the opinion of this Board, about as injurious to the slips and the harbor as if the material was carted and dumped direct into the river, and that against this practice this Department desires to enter its protest, and respectfully requesting the Police Department to take proper action for the discontinuance of this practice of removing the dirt from the streets.

On motion, it was

Resolved, That Frederick W. Beatty be and is hereby appointed Office Messenger, at \$12 per week, from the 22d instant, inclusive, in place of Eugene Conkling, resigned.

On motion, Dennis Gallagher was appointed a Dockbuilder.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a meeting of the Board of Docks, held January 28, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held 21st instant were read and approved.

A communication was received from the Engineer-in-Chief, inclosing final estimate on contract with John M. C. Scully ; and, being read,

On motion, the following preamble and resolution were adopted :

Whereas, The Engineer-in-Chief has this day submitted the final estimate under the contract with John M. C. Scully for furnishing small cobble and rip-rap stone, dated July 14, 1879, exhibit-

ing a balance of \$10,593.61, as due the corporation consequent upon a penalty of \$50 per day for 47 days' delay in delivery of said material, having been imposed under the terms of said contract ; and

Whereas, The said Engineer-in-Chief has reported to this Board that the work of the Department has not been actually delayed by the non-delivery of said material for more than 20 days ; therefore,

Resolved, That this Board hereby certify to the Comptroller that the failure of John M. C. Cully to deliver the material specified in the final estimate (No. 5), within the time stipulated therefor under his contract for furnishing small cobble and rip-rap stone, dated July 14, 1879, has not caused the corporation to sustain any loss or damage whatsoever beyond a delay in the progress of the work of this Department of twenty days' time, the premises for which the said material was ordered not being in readiness to receive it, owing to unexpected delays in dredging and other work ; and that the penalty incurred by said contractor for the twenty days' delay referred to herein, is the sum of \$1,000.

An opinion was received from the Counsel to the Corporation in reference to the application of the West Side and Yonkers Railway Company to erect bridge over Harlem river, in the vicinity of Eighth avenue ; and, being read,

On motion, the Engineer-in-Chief was directed to examine and report as to whether the plans submitted by said company are prepared in accordance with the plans of the Rapid Transit Commissioners.

A communication was received from the Engineer-in-Chief giving the amount of material removed by contractors by dredging in scows belonging to the Department ; and, being read,

On motion, the following resolutions were adopted :

Resolved, That the Treasurer be and is hereby authorized and directed to prepare a statement of claim, in the sum of \$114.52, and present the same to Chandler H. Loomis for payment, being for use of scows of the Department, in removing from December 1 to 31, 1879, 5,726 cubic yards of material dredged by him under contract of December 26, 1879, with this Department, at two cents per cubic yard.

Resolved, That the Treasurer be and is hereby authorized and directed to prepare a statement of claim, in the sum of \$198.90, and present the same to the Union Dredging Company for payment, being for use of scows of the Department, in removing from December 1 to 31, 1879, 9,945 cubic yards of material dredged by the company under orders of the Treasurer of this Department, at two cents per cubic yard.

The following communications were received, read, and,

On motion, laid on the table, to await action as stated, to wit :

From Malcolm Campbell, attorney—Requesting that no action be had on the application of the New York Central and Hudson River Railroad Company, to build piers from Sixty-fifth to Seventy-second street, North river, so long as the title to a portion of the premises remains vested in his client, Mrs F. Emes.

From the Counsel to the Corporation—In reference to arrearages of rent due from Jeremiah J. Austin, deceased, as lessee of Piers 5 and 6, East river. Secretary directed to report as to facts of said lease.

A report was received from the Engineer-in-Chief as to work performed during week ending January 24, 1880; and, being read, was,

On motion, placed on file.

The Auditing Committee presented an audit of twenty-nine bills or claims amounting in the aggregate to the sum of \$15,427.99; and, being read, was,

On motion, accepted and adopted and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, Superintendent Smith was directed to prevent ashes from being dumped on or from the bulkhead north side of Pier, new 1, North river, and if necessary to confer with the Harbor Master of the District, in order that the practice adopted by the Elevated railroads in removing ashes, etc., may be abated.

On motion, the Secretary was directed to notify the Friendship Boat Club to at once remove their boat-house from the bulkhead at north side of pier at Twenty-eighth street, East river, or this Department will proceed to remove the same at the cost and expense of said club.

On motion, Thomas Fitzpatrick, lessee of pier at Twenty-eighth street, East river, was notified and directed to forward, without delay, to this Department the amount due from him under his lease, in default of which this Department will be obliged to take measures to dispossess him of the aforesaid premises.

The communication from the Counsel to the Corporation in reference to the arrearages of rent due from R. Cornell White, lessee of Pier 37, East river, was taken from the table and placed on file, and the Secretary directed to advise in reply that it has been very difficult to obtain an reliable data to show to what extent during the past few years the scows of the Police Department have occupied Pier 37, East river, but from such information as can be obtained it would appear that the Police Department scows have generally had the use of the entire lower side of said pier and that in consequence thereof, in the opinion of this Board, an abatement from the amount claimed from Mr. White would seem to be fair.

On motion, the Secretary was directed to notify the Old Dominion Steamship Company that they can continue to occupy, during the pleasure of this Board, a berth on the south side of Pier new 1, North river, on and after February 1st next, at the rate \$400 per month, being the same rate as fixed by resolution, adopted September 26, 1879.

On motion, the Secretary was directed to notify Henderson Brothers, Agents, Anchor Line of Steamers, that it is the intention of this Department to offer at public sale in about thirty days a lease of Pier, old 21, North river, now occupied by them.

That the present lease of said pier expires February 1, 1880, and that they can continue to occupy it until the 1st of May next, at the present rent, viz., \$5,000 per annum, payable quarterly in advance, and that if these terms are accepted by them to advise this Board in writing without delay.

On motion, the Secretary was directed to notify Daniel Shay to call upon the Commissioners in reference to the rent due from him as lessee of pier at Gansevoort street, North river.

The Committee, to whom was referred the investigation of the charges preferred by Felix Armstrong, a former employé of this Department, presented a written report in detail on the subject matter thereof, with the recommendation that the charges as preferred be dismissed, and, being read,

On motion, the report of the Committee was accepted and the recommendation contained therein adopted.

On motion, Edward G. Ames was appointed Clerk in place of John K. Murphy, resigned.

On motion, James Dunn was appointed a Laborer.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held January 30, 1880.

Present—Commissioners Dimock and Vanderpoel, and the Comptroller of the City.

On motion, Commissioner Dimock took the chair.

Four proposals were received for building embankment with rubble wall on top thereof, and wooden platform in front of the same, from Sixtieth to Sixty-first street, East river, as follows, to wit:

BIDDERS.	CLASS 1. RIP-RAP, PER CUBIC YARD.	CLASS 2. RUBBLE WALL, PER CUBIC YARD.	CLASS 3. WOODEN PLATFORM.
John B. Devlin.....	65 cents.	\$2 50	\$3,000
M. A. Kellogg.....	60 "	4 00	4,000
David Hart.....	1 25 "	3 00	4,721
Joseph Walsh.....	60 "	5 00	4,500

And, being read, were, on motion, laid on the table, for examination.

The Comptroller here withdrew from the meeting.

On motion, it was

Resolved, That the compensation to be paid to Edward G. Ames, Clerk, and Frederick W. Beatty, Office Messenger, be and is hereby fixed at \$65 per month, each, from and after the 1st proximo.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held February 4, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held 28th and 30th ultimo were read and approved.

A communication was received from the Comptroller stating that John B. Devlin is not in default or arrears to the Corporation ; and, being read,

On motion, the bids received and opened on 30 ultimo, for building wall and platform between Sixtieth and Sixty-first streets, East river, were taken from the table and placed on file, and the following resolution adopted :

Resolved, That the contract for building a rip-rap embankment, with rubble wall on top thereof and wooden platform in front of the same, from Sixtieth to Sixty-first street, East river, be and is hereby awarded to John B. Devlin, of One Hundred and Thirty sixth street, near Willis avenue, his bid for doing said work being the lowest under proposals publicly opened 30th January, 1880.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From Health Department—In reference to berth for night-soil boat at pier 61, East river. Secretary directed to call on said Department in reference to the same.

From Department of Public Charities and Correction—To have dredging done at bulkhead in front of Bellevue Hospital, East river. Engineer-in-Chief directed to examine and report the amount of dredging required to accommodate the vessels using said premises.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From Engineer-in-Chief—Report as to work performed during week ending January 31, 1880.

From Police Department—To have two capsized scows righted by the large derrick.

From Henderson Brothers, Agents—Agreeing to terms of resolution, adopted January 28 last, fixing the rent to be paid for Pier, old 21, North river.

A communication was received from the Engineer-in-Chief, submitting draft of specifications and contract for furnishing the Department with granite stones for bulkhead or river wall, and, being read,

On motion, it was

Resolved, That the form of specifications and contract, as prepared by the Engineer-in-Chief, furnishing the Department with about 15,167 cubic feet of granite header and stretcher stones, and about 2,800 cubic feet of granite coping-stones for bulkhead or river wall, be and is hereby approved and adopted, subject to the approval of the Counsel to the Corporation as to form, and let the secretary be and he is hereby directed to have a sufficient number of blank forms of proposals printed, and proper advertisements inviting bids for doing said work inserted in the newspapers designated by law.

On motion, Superintendent Butler was directed, from and after this date, to collect wharfage on all vessels using the bulkhead south of the northerly line of Ninety-third street, East river.

On motion, the opinion of the Counsel to the Corporation in reference to the title of pier at Sixty-first street, East river, was taken from the table and placed on file.

On motion, William A. Dawson was appointed temporary Rodman at \$15 per week, allowance for extra time.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held February 11, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held the 4th instant were read and approved.

A communication was received from the Engineer-in-Chief, as to the amount of dredged material removed by contractors with the dredging scows belonging to the Department; and, being read,

On motion, the following resolutions were adopted, to wit:

Resolved, That the Treasurer be and is hereby authorized and directed to prepare a statement of claim, in the sum of \$216.32, and present the same to Chandler H. Loomis for payment, being the use of scows of the Department in removing, from January 1 to 31, 1880, 10,816 cubic yards of material dredged by him under contract of December 26, 1879, with this Department, at two cents per cubic yard.

Resolved, That the Treasurer be and is hereby authorized and directed to prepare a statement of claim in the sum \$350.04, and present the same to the Union Dredging Company for pay-



ment, being for use of scows of the Department in removing, from January 1 to 31, 1880, 17,500 cubic yards of material dredged by the company under orders of the Treasurer of the Department at two cents per cubic yard.

A report was received from Phelps Bros. & Co., as to the necessity of having dredging done adjacent to Piers 40 and 41, East river, and being read, and the Engineer-in-Chief reporting that on the south side of Pier 40, at the inner end, it would require the removal of about 1,200 cubic yards of mud, in order to secure a depth of ten feet at mean low water.

On motion, the following resolution was adopted :

Resolved, That the trustees of the Floating Chapel moored at the inner end of the southern side of Pier 40, East river, be and are hereby notified and directed to dredge the slip where the chapel is located to a depth of about ten feet, the Engineer-in-Chief having estimated that the amount of material necessary to be removed is about 1,200 cubic yards.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From Department of Public Charities and Correction—To have the hospital dock at Blackwell's Island repaired. Engineer-in-Chief directed to examine and report the nature of repairs required and the cost of doing the work.

From Merchants and Miners' Transportation Co.—For permission to erect shed on Pier 45 East river, leased by them. Applicants requested to be present at the next meeting of the Board in reference to the same.

From Engineer-in-Chief—In reference to piers, etc., to be built by the New York Central Hudson River Railroad Company, between Sixty-fifth and Seventy-second streets, North river.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From Hudson River Yacht Club—For permission to place boat-house at Seventy-fourth street North river. Application denied, as this Department is not authorized to permit the water-front of the city to be used for other than commercial purposes.

From James M. Varum, Chairman of Assembly Committee on Cities, in reference to bills affecting the Department of Docks.

From Engineer-in-Chief—Report as to work performed during week ending February 7, 1880.

From John B. Devlin—Accepting to contract for building wall and platform, etc., between Sixtieth and Sixty-first streets, East river, under award made on 4th instant.

The Auditing Committee presented an audit of thirteen bills or claims, amounting in the aggregate to the sum of \$17,505.36 ; and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, the Secretary was directed to request John G. Dale, Agent, to call upon the Commissioners in reference to Pier, new 36, North river leased by him.

A communication was received from the Citizens' Steamboat Co., of Troy, accepting the oral proposition of the Commissioners to lease Pier, new 41, North river; and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to the Citizens' Steamboat Co., of Troy, to occupy during the present year, until the close of navigation on the Hudson river, for its business of transporting freight and passengers, and for berthing of its boats, such portions of Pier, new 41, North river, except the outer end thereof, as may not be required by the Department in its work of widening and improving the said pier; provided that the said company shall pay to this Department as rent therefor the sum of \$7,500, payable in three amounts of \$2,500 each, on April 1, July 1, and October 1, respectively, and shall file in this office within ten days after receipt hereof, its written agreement to the effect that no deduction or allowance from the said rent will be made or claimed by the company, consequent upon any inconvenience or expense caused by the progress of the said work of the Department on the pier, if the said company shall at all times when necessary be given a berth at the said pier for one of its boats.

On motion, James Kelly and Patrick McGovern, Watchmen, were discharged and William Ryan, Watchman, suspended for thirty days.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a special meeting of the Board of Docks, held February 13, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

On motion, the reading of the minutes of the meeting held on the 11th instant, was dispensed with.

A report was received from the Engineer-in-Chief, stating that to make the necessary depth of ten feet at mean low water, in the slip in front of Bellevue Hospital, East river, will require an excavation of 8,000 cubic yards of mud; and, being read, was,

On motion, laid on the table, and the Secretary directed to advise the Department of Public Charities and Correction that it is the intention of this Department to invite proposals for doing this and other work early in the coming season.

An application was received from Josiah Macy's Sons, owners of Pier 45, East river, to drive ten piles underneath said pier, near the bulkhead, in order to strengthen the same. Application granted, the work to be done under the supervision of the Engineer-in-Chief of this Department.

A report was received from the Engineer-in-Chief, stating that the plans submitted by the West Side and Yonkers Railway Co. for the construction of a bridge over Harlem river, in vicinity of Eighth avenue, are in accordance with the requirements of the Rapid Transit Commissioners, etc., etc.; and, being read,

On motion, the application of said company and the opinion of the Counsel to the Corporation as to the powers and duties of this Department concerning the same, were taken from the table and placed on file, and the following preamble and resolution adopted :

Whereas, The West Side and Yonkers Railway Company, organized under the provisions of chapter 606 of the Laws of 1875, and by authority of the Rapid Transit Commissioners appointed by the Mayor on April 2, 1879, has made written application to this Board for permission to construct a bridge across Harlem river, extending from near the termination of Eighth avenue, on the southerly shore, to the opposite or northerly shore of said river ; and

Whereas, The Department of Public Parks, by authority of the said chapter and other acts, has consented to the location and erection of the said bridge on January 7, 1880 ; and

Whereas, One or more of the piers upon which the ends of the said bridge are to be supported will be constructed upon land under water on both shores of the said river ; and

Whereas, The Counsel to the Corporation has advised this Board, under date of 23d January ultimo, that the land under water, within the jurisdiction of this Department, on the southerly shore of said river, and upon which one of the said piers is to be constructed, is either the property in fee of said Company or is owned by individuals, while that on the northerly shore of said river upon which one of the said piers is to be constructed is not the property of the Corporation, and has further advised that if, upon examination, the plans for the construction of said bridge shall be found to conform with those prescribed by the said Rapid Transit Commissioners, that then the Department should consent to the construction of the said bridge ; therefore

Resolved, That the Board governing the Department of Docks hereby consents to the location and erection of a bridge over the Harlem river, crossing from the southerly shore near the Eighth avenue to the opposite shore, at right angles with the proposed improved channel of said river, for the uses and purposes of the West Side and Yonkers Railway Company, the Engineer-in-Chief of the Department having advised the Board that the plans for the said bridge are prepared in accordance with those prescribed by the Rapid Transit Commissioners appointed 2d April, 1879, provided that the work of constructing the said bridge shall strictly conform to the said plans, and that all temporary structures necessary in constructing the bridge shall be promptly removed by the said Company upon the completion of the work of the permanent construction.

An application was received from the Central Railroad Company of New Jersey, for permission to erect an open shed in front of their freight and passenger buildings, north of Pier, old 14, North river ; and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to the Central Railroad Company of New Jersey to erect and maintain, during the pleasure of this Board, in front of the freight and passenger buildings of said company located on platforms erected by permission of this Department, easterly of the new bulkhead line and northerly of Pier, old 14, North river, an open shed for the protection of freight and baggage transported by said company, about 184 feet long by 25 feet wide, the front to be supported on iron columns and in accordance with plans submitted with said application, and approved by the Engineer-in-Chief of this Department, the work to be done under the supervision of that officer.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held February 18, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held the 11th and 13th instant were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From Finance Department—In reference to suit of James O'Neil, assignee of John M. C. Scully, against the Mayor, etc., for damages for delays in receiving material tendered under the provisions of contract with the Department of Docks and said Scully, dated January 21, 1879. Secretary directed to obtain the necessary data, and prepare a suitable reply to said communication.

From F. S. Ferguson—In reference to damage done to his truck while on Pier, old 44, North river. Applicant requested to be present at the next meeting of the Board, and give a more definite explanation of his claim.

From Farley & McCabe, contractors for grading Seventy-third street, to erect dumping board at the foot of Seventy-third street, East river. Engineer-in-Chief directed to examine the locality and report on the expediency of having a dumping board built thereat.

From James M. Varnum, Chairman of Assembly Committee on Cities, requesting that information be furnished him on the subject of cleaning the streets of the city, use of dumping boards, and piers on the water-front of the city for depositing ashes, etc., etc. Secretary directed to prepare a reply covering such matters referred to in the communication as are under the control of the Department of Docks.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Municipal Gas Light Co.—For permission to erect a dumping board in front of their property, between Forty-fifth and Forty-sixth streets, North river. Application granted, the work to be done under the supervision of the Engineer-in-Chief of this Department, and the structure to remain during the pleasure of this Board.

From State Line Steamship Co.—To have a broken pile removed from the slip at north side Pier, old 42, North river. Action of the Commissioners on the 16th instant in directing the Engineer-in-Chief to remove the same, approved.

From Counsel to the Corporation—Enclosing check for \$579.88, being amount in full, with interest, of claim against James Slattery for arrearages of rent, due under his lease of pier at Seventy-fifth street, North river.

From Malcolm Campbell, Attorney—Stating that the New York Central and Hudson River Railroad Co. had acquired the title to that portion of the water-front between Sixty-ninth and Seventieth streets, North river, owned by his client, Mrs. Fanny Emes, and withdrawing the objections contained in his communication of 24th January last to the improvements contemplated to be

made by the New York Central and Hudson River Railroad Co. in that vicinity. Communication of Malcolm Campbell, dated January 24, taken from the table and placed on file.

*From S. A. From*--In reference to the refuse mixed with snow and ice which have been dumped at night from carts in the employ of the Police Department into the slips at Piers 19, 27, and 28, East river. Secretary directed to address a communication to the Police Department, stating that this Department protests against such practice, and requesting that proper action be taken by the Police Department to prevent a recurrence of the evil complained of.

*From Engineer-in-Chief*--Report as to work performed during week ending February 14, 1880.

The managers of the Merchants and Miners' Transportation Company of Maryland appeared in reference to the application of said Company to erect a shed on Pier 45, East river, leased by it, and being heard in reference thereto,

*On motion*, the Secretary was directed to address a communication to the Captain of the Port, advising him of the application of said Company, and that under section 3 of chapter 249, Laws of 1875, it is unlawful to erect such shed, if the said pier has heretofore been used for the landing and discharging of sailing vessels regularly employed in foreign commerce, and having a depth of more than eighteen feet of water, and requesting him to advise this Board in writing whether the said pier has heretofore so been occupied, prior to 6th May, 1875, the date of passing said law.

*On motion*, George W. Nicholson and James A. Kay were appointed Watchmen and Patrick Magee, Night Watchman, was discharged.

*On motion*, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a meeting of the Board of Docks, held February 25, 1880.

Present--Commissioners Dimock and Vanderpoel.

*On motion*, Commissioner Dimock took the chair.

The minutes of the meeting held the 18th instant were read and approved.

The following communications were received, read, and,

*On motion*, placed on file, action being taken where necessary, as stated, to wit :

From Finance Department--Approving of sureties to proposal of John B. Devlin, for building wall and platform between Sixtieth and Sixty-first streets, East river.

From E. C. Ripley--In reference to iron signs, etc., on Pier 22, East river.

From Citizens' Steamboat Company of Troy, accepting terms for use of part of Pier, old 4th North river.

From F. Alexandre & Sons—Stating that the slip at Pier 3, North river, had been satisfactorily dredged by the owners.

From Manhattan Gas-light Company—For permission to drive piles and repair bulkhead, between Fifteenth and Sixteenth streets, East river. Secretary directed to advise that the title to the property in question is believed to be vested in the city, and that the filling in of the water-front out the present line of bulkhead is unauthorized, and to request, if they have any deeds or grants to substantiate their claim to the property, that they will at once transmit them to this office for examination, and further that if they desire to repair the aforesaid bulkhead claimed to be owned by the company they are at liberty to do so under the supervision of the Engineer-in-Chief of this Department within the lines of the present structure; it being understood that the permission hereby granted is without prejudice to the rights of the city to the said bulkhead and property lying westwardly thereof adjacent thereto.

From Engineer-in-Chief, the following reports :

1. As to minor repairs made to Pier, new 1, North river, at a cost of \$66.70.
2. Stating that runways have been completed at Sixty-second, One Hundred and Ninth, and One Hundred and Seventeenth streets, East river, to facilitate the transfer of fire apparatus to Blackwell's and other islands in case of fire, etc. Secretary directed to advise the Department of Public Charities and Correction of the completion of said runways, as requested by said Department, to notify the Superintendent of Docks for the district to keep the approach to said runways clear and free from obstructions. Engineer-in-Chief directed to repair the approach to Pier at One Hundred and Ninth street, in accordance with his report at a cost of about \$25.
3. As to repairs necessary to be made to Dock at Charity Hospital, Blackwell's Island. Application of Department of Public Charities and Correction in reference to the same taken from table and placed on file, and the Engineer-in-Chief directed to make the necessary repairs in accordance with his report, at a cost of about \$650.
4. As to work performed during week ending February 21, 1880.

The Auditing Committee presented an audit of ten bills or claims amounting in the aggregate to the sum of \$436.61, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills together with proper requisitions for the amount to the Finance Department for payment.

A communication was received from the Engineer-in-Chief in reference to the absence in consequence of sickness of W. W. Maclay, Assistant Engineer; and, being read,

On motion, it was

Resolved, That the Chief Clerk be and he is hereby directed and authorized to place the name of Wm. W. Maclay, Assistant Engineer, upon the pay-rolls for the current month for the excess of over two weeks during which that officer was prevented from attending to his duties by reason of recent severe and sudden sickness, and that the effect and force of the resolution of this Board adopted May 29, 1878, be suspended in this case.

F. S. Ferguson appeared in reference to his claim for damage done to his truck while leaving Pier 44, North river; and, being heard at length in reference thereto,

On motion, the application of F. S. Ferguson in reference to said claim for damages was taken from the table and denied.

On motion, the Secretary was directed to address a communication to Wm. H. Webb, calling his attention to the dilapidated condition of pier at Seventh street, East river, the lower half of which is claimed by him as private property, and to advise that D. D. Withers, on behalf of the owners of the upper side of said pier, has recently expressed to this Department his willingness to put the premises in serviceable condition, without delay, whenever the owners of the lower half of the pier are ready to join with him in doing the work, and requesting that, as the pier is in a dangerous condition and requires immediate repairs, he will inform this Department at what time he will proceed with the work.

On motion, the Engineer-in-Chief was directed to examine and report as to the repairs required to the bulkhead, between Forty-ninth and Fifty-first streets, East river.

On motion, James Kelly was appointed a Watchman on occasional jobs, and Hugh J. Daly, Night Watchman, discharged.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held March 3, 1886.

Present—Commissioners Dimock and Vanderpoel, and Mr. Henry J. Storrs, from the Finance Department, representing the Comptroller of the City of New York.

Six proposals were received for furnishing granite stones for bulkhead or river wall, as follows, to wit :

No.	BIDDERS.	A	B
		HEADERS AND STRETCHERS, 15,167 cubic feet.	COPING. 2,800 Cubic feet.
1	Cape Ann Granite Co .....	62 cents.	74½ cents.
2	Charles Guidet.....	92 "	112 "
3	John Beattie.....	70 "	92 "
4	George Peirce.....	89 "	89 "
5	Wm. La Due.....	90 "	99 "
6	Robert L. Darragh.....	63 "	63 "

—and, being read, were,

On motion, laid on the table for examination.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held March 3, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held 25th ultimo were read and approved.

A communication was received from Clark & Seaman, occupants of Pier 9, North river, asking that permission be granted them to make an extension to the shed now erected on said premises, and, being read,

On motion, the following resolution was adopted:

Resolved, That permission be and is hereby given to Clark & Seaman, occupants of Pier 9, North river, to extend the shed now erected on said pier, eastwardly about 50 feet, and of a width of about 44 feet, for the protection of property received and discharged thereat by steam transportation; said extension to remain during the pleasure of this Board, and to be erected subject to the regulations of the Superintendent of Buildings, as required by chapter 249, Laws of 1875, and in accordance with plans to be first submitted to and approved by the Engineer-in-Chief of this Department, and all the work hereby authorized to be done under the supervision of that officer.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit:

From New York Central and Hudson River Railroad Company, in reference to application for improving water front between Sixty-fifth and Seventy-second streets, North river.

From Cavanagh & Collins—For permission to erect derrick at foot of Sixty-third street, East river. Applicants directed to obtain the consent of the lessees of said pier, to the erection of said derrick.

From Captain of the Port—As to class of vessels heretofore berthed at Pier 45, East river.

From Engineer-in-Chief—As to the suspension of William Penny, Night Watchman.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit:

From Josiah Macy's Sons—For permission to repair bulkhead between piers 44 and 45, East river. Application granted, the work to be done under the supervision of the Engineer-in-Chief of this Department.

From Department of Public Charities and Correction—As to runways constructed by this Department at Piers at Sixty-second, One Hundred and Ninth and One Hundred and Seventeenth streets, East river.

From Engineer-in-Chief, the following reports:

1. As to repairs to be made to bulkhead south of pier at Little Twelfth street, North river. Engineer-in-Chief directed to repair said bulkhead in accordance with his report, at a cost of about \$300.

2. As to work performed during week ending February 28, 1880.



3. As to quality of cement furnished by S. L. Merchant. Secretary directed to forward a copy of said report to S. L. Merchant.

4. As to the completion of the extension made by the Knickerbocker Ice Company to Pier at Twentieth street, North river.

5. In reference to the grading of the space created by this Department, between the west line of West street and the new bulkhead, and the outlet sewers, etc., required thereat.

Communication from Department of Public Works, dated 23d December last, in reference to the same, taken from the table and placed on file, and the Secretary directed to transmit to said Department a copy of the above report of the Engineer-in-Chief.

From E. S. Demier—For position in Department.

An application was received from the New York City Ice Co., for permission to drive piles, erect platform, and place a hoisting engine on the bulkhead north of Pier at Gansevoort street, North river, leased by them, to facilitate the landing and discharging ice, and, being read, was,

On motion, laid on the table, and the Engineer-in-Chief directed to examine and report as to the expediency of granting the permission asked for.

On motion, the Secretary was directed to address a communication to James M. Varnum, Chairman of Assembly Committee on Cities, in reference to the act introduced into the Legislature to provide for a public stand or market-place, etc., etc., and which proposes to take for such use the Department Yard at Gansevoort street, North river, and the pier located thereat, and to state that such property is absolutely necessary for the purposes of this Department in the manufacture of beton blocks and storage of material used in the construction of the permanent work of improving the water-front of the city now in progress, and further that this Board earnestly protests against the measure becoming a law, unless the said yard and wharf property needed by this Department are exempted from the provisions of the bill, etc.

On motion, George Van Cott was appointed a Dock Builder.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held March 8, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

A communication was received from the Comptroller, stating that Robert L. Darragh is not in default or arrears to the Corporation, and, being read,

On motion, the bids received and opened on 3d instant, for furnishing granite-stones for bulkhead or river wall were taken from the table and placed on file, and the following resolution adopted:

Resolved, That the contract for furnishing granite stones for bulkhead or river wall be and is hereby awarded to Robert L. Darragh, of 1539 Broadway, his bid for doing said work being the lowest under proposals publicly opened the 3d instant.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held March 12, 1880.

**Present**—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held the 3d and 8th instant were read approved.

Communications were received from the Comptroller and the Counsel to the Corporation stating that John McGuire, assignee of Joseph C. Brady, had obtained a judgment against the city for balance claimed to be due on contracts with the Department of Docks, for building sheds on Piers, new 43 and new 46, North river, and being read, were,

On motion, placed on file, and the following resolution adopted :

Resolved, That a requisition be and is hereby directed to be drawn upon the Comptroller for the sum of \$7,683.20, being in part settlement of a judgment entered against the city in the matter of John McGuire vs. the Mayor, etc, and others, to recover balance due on contracts with Joseph C. Brady, dated March 22, 1875, for building sheds on Piers, new 43, and new 46, North river, and for extra work done thereunder, and that the bookkeeper charge the said sum to the said contracts so that the accounts of the Department shall exhibit the payment in full of the price stipulated for each of said contracts respectively.

The following communications received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From Department of Public Charities and Correction—Requesting that a pavement be laid at the foot of Twenty-sixth street, East river, eastwardly of the bulkhead line. Secretary directed to advise in reply; that this Department has no power to pave the premises in question, but if it is desirable to have the said space lying outside of the bulkhead line planked, then this Department will do the work upon notice to that effect.

From New York Central and Hudson River Railroad Company—For permission to erect a pier at Sixtieth street, North river.

From Police Department—Requesting that an estimate be furnished of the plan proposed for having the scows employed in removing street dirt, etc., completely inclosed while being loaded at the dumping boards, located on the water-front of the city. Engineer-in-Chief directed to examine and report upon the subject.

From Police Department—Requesting that dredging be done at the dumping board foot of Jackson street, East river. Engineer-in-Chief directed to examine and report the amount of material necessary to be excavated to accommodate the boats of the Bureau of Street Cleaning.

From Merchants' and Miners' Transportation Company—In reference to class of vessels using Pier 43, East river.

From Citizens' Steamboat Company of Troy—For use of other end of Pier, old 43, North river.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Compagnie Générale Transatlantique—In reference to the work of dredging slip, between Piers, new 41 and new 42, North river. Secretary directed to advise in reply, that this Department will commence the work of dredging said slip on or about the 1st of April next.

From Department of Public Charities and Correction—For the use of two scows for about three weeks. Secretary directed to advise that, as all the scows belonging to this Department are in constant use, their request cannot be complied with.

From Cavanagh & Collins—For permission to erect derrick at the foot of Sixty-second street, East river. Applicant informed that a lease of said pier will be offered at public sale on or before May 1 next, and that until said sale shall have taken place, no action on their application can be had.

From Wm. H. Webb—In reference to repairs needed to pier at foot of Seventh street, East river.

From Robert L. Darragh—Accepting to contract for furnishing granite-stones for bulkhead or river wall, under award made on 8th instant.

From Police Department—As to ice and street dirt deposited in slip at Piers 28 and 29, East river.

From Engineer-in-Chief the following reports :

1. As to work performed during week ending March 6, 1880.
2. As to minor repairs made to Pier, new 1, North river,
3. Stating that repairs are needed to bulkhead adjoining east side of Pier, 44 East river. Engineer-in-Chief directed to repair said bulkhead in accordance with his report, at a cost of about \$200.

4. In reference to application of New York City Ice Co., lessee of bulkhead at Gansevoort street, North river, to drive piles and straighten the same, and to place thereon a hoisting engine for the purpose of hoisting ice. Applicant informed that this Department has no objection to their driving piles and straightening the front of the bulkhead north of pier at Gansevoort street, North river, leased by them, and to place thereat an engine-house for the purpose of discharging ice, and to retain said engine-house during the pleasure of this Board, unless complaint shall be made to this Department to cause the same to be removed.

From Assembly Committee on Cities—In reference to bill for Gansevoort street market.

From Police Department—Asking that the dumping-board at Market street, East river, be extended 60 feet, and that an additional dumping-board be established on the East river, below Market street, and one on the North river, between the Battery and Lighthouse street. Secretary directed to advise in reply that, in the opinion of this Board, it has no power, in view of the provisions of section 3 of chapter 249, Laws of 1875, to assign any wharf property at its disposal on the East river below Market street for the purposes of a dumping-board, nor to increase the space now occupied by the one at the Market street pier, and further, that this Department has no wharf property on the North river, between the Battery and Lighthouse street, which could be assigned for the purposes of a dumping-board.

A communication was received from the Engineer-in-Chief, submitting draft of specification and contract for building Pier, new 21, North river, on site of Pier, old 31, North river; and being read,

On motion, it was

Resolved, That the form of specifications and contract, as prepared by the Engineer-in-Chief for building Pier, new 21, North river, be and is hereby approved and adopted subject to the approval of the Counsel to the Corporation as to form, and that the Secretary be and is hereby directed to have a sufficient number of blank forms of proposals printed and proper advertisements inviting bids for doing said work, inserted in the newspapers designated by law.

The Auditing Committee presented an audit of thirteen bills or claims amounting in the aggregate to the sum of \$27,393.20; and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills together with proper requisitions for the amount to the Finance Department for payment.

On motion, the Engineer-in-Chief was directed to have the Department dredge placed in proper condition for service during the ensuing season.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a special meeting of the Board of Docks, held March 13, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

An application was received from H. D. and J. U. Brookman, for permission to repair pier at the foot of Nineteenth street, East river, claimed to be owned by them; and, being read, was,

On motion, placed on file, and the applicants informed that the premises in question are believed to be the property of the city, and that this Department has no objection to their making repairs, under the supervision of the Engineer-in-Chief of this Department, to the said pier within the lines of the present structure, it being distinctly understood that the permission hereby granted is not to be constructed as a waiver on the part of the city of any of its rights in and to the said pier

On motion, it was

Resolved, That in the absence of the Treasurer, from any cause, any member of the Board may and is hereby authorized to sign orders for materials and labor required for the uses and purposes of the Department, under requisitions of the Engineer-in-Chief, or otherwise.

On motion, the Secretary was directed to arrange with James M. Oakley & Co., auctioneers to offer at public sale, to be held on Tuesday, April 13, 1880, for purchase by the highest bidder

the right to collect and retain all wharfage accruing at certain twenty-one lots of piers and bulkhead leases of which have expired, or terminate prior to May 1, 1880, as designated by the Commission subject to the terms and conditions as set forth in the advertisement prepared by the Secretary, and cause the said sale to be published for ten days in the CITY RECORD, and other newspapers designated by law for corporation notices.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held April 7, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held the 12th and 13th March last were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From Commissioners of the Sinking Fund—In reference to plans of Piers at Sixty-third, Sixty-fourth, and Sixty-fifth streets, North river.

From Arkell, Tufts & Co.—For lease of Pier, old 44, or new 46, North river.

From Williams & Guion—In reference to use of Pier 45, East river, by vessels engaged in foreign commerce.

From Consumers' Ice Company, lessees of pier at Horatio street, North river, to have dredging done thereat. Engineer-in-Chief directed to examine and report the amount of dredging required.

From S. B. Dutcher, Superintendent of State Public Works—In reference to dredging required in slip between Piers 2 and 8, East river, known as the Canal Boat District. Secretary directed to advise, that some time since, the owners and lessees of Piers 2 to 10, East river, were notified to dredge the slips thereat to such depth as would accommodate the vessels using the same, and that the work so ordered has been proceeded with in part only, and that directions have now been given to the Engineer-in-Chief of this Department, to see that the orders previously given for dredging the slips shall be complied with without delay, and further, that this Department will make every exertion to have the slips referred to dredged to a proper depth, with the least possible delay, in order to afford an ample depth of water for all vessels berthed therein.

From Twenty-third Street Railway Co.—To have dredging done at slip at Twenty-third street, North river. Engineer-in-Chief directed to examine and report the amount of dredging required at said premises.

From East River Ferry Co.—For permission to erect an additional ferry slip in front of the property, between Thirty-third and Thirty-fourth streets, East river. Secretary directed to a

A communication to the Council to the Corporation advising that the East River Ferry Co. owns from the city of the wharf property at the foot of Thirty-fourth street, East river, and therefrom a ferry to Hunter's Point, L. I., under a franchise granted by the Corporation, that said Ferry Company have now made application to this Department for consent to the erection of an additional ferry slip in front of the bulkhead owned by said company, between Third and Thirty-fourth streets, in order to provide additional and much needed accommodation for their boats, that the Pier at the foot of Thirty-third street is the property of the City of New York, and is at present held under lease by the Knickerbocker Ice Company, expiring May 1, and further, that said Ferry Company have expressed their willingness to enter into an agreement to pay to this Department, on or after the expiration of said lease, and so long as said designated ferry slip shall remain, such an amount annually as shall be equal to the rent, which, from time to time, shall be bid for the pier at public sale, and asking his opinion as to whether any objection exists to such an arrangement being made between the East River Ferry Company and this Department, and if none does exist, that a proper form of agreement be prepared by his Department and forwarded to this Board for execution.

From Martin Karl—For permission to erect an ice bridge and scales on pier at Fifty-first North river, leased by him. Applicant informed that it will be necessary to file in this Department the consent of the Harbor Master to the erection of said bridge and scales before any action can be had on his application.

From Goodwin & Co. and others—Stating that sand is being unloaded at the foot of Thirty-third street, East river, without the use of canvas, and that large quantities of sand are deposited there, and filling up the slip.

Superintendent Butler directed to see that no vessel discharge sand at the premises without the use of the canvas.

Engineer-in-Chief directed to examine the premises and report the amount of dredging required.

The following communications were received, read, and,

On motion, placed on file :

From Central Vermont Railroad and Steamboat Line—Requesting that the lease of Pier 37, East river, advertised to be sold at public auction on the 13th instant., be made for a term of five years instead of three. Applicant informed that the sale having been duly advertised the terms of the lease cannot now be changed.

From Department of Public Charities and Correction—To have bridges provided at the run-out at Sixty-second, One Hundred and Ninth, and One Hundred and Seventeenth streets, East river, in order to facilitate the disembarkation of fire apparatus to the several islands under charge of the Department. Commissioners requested to call at this Department in reference to their application.

From Decker & Rapp—For permission to erect derrick on bulkhead south of Bethune street, East river. Applicants informed that this Department is not authorized to grant such privileges, but has no objection to their placing a derrick on said premises and retaining the same until compliance shall be made to this Department to cause the same to be removed.

From Edward Cooper, Mayor—In reference to resolution of Board of Aldermen granting permission to Avery & Raymond to erect platform, etc., on bulkhead opposite West Eleventh to North river. Secretary directed to advise in reply that under the provisions of subdivision section 6, chapter 574, Laws of 1871, this Department has exclusive charge and control of all wharf property belonging to the Corporation, and is vested with the exclusive government and regulation of all wharves, piers, bulkheads, etc., not owned by the Corporation, and that in the opinion of this Board the Board of Aldermen has no jurisdiction so far as the bulkhead is concerned, consequently cannot legally grant permission for the erection of said platform.

From George P. Slade, Treasurer of Manhattan Real Estate Association, accepting and offering for the lease of Department offices for the year ending May 1, 1881 at 117 and 119 D street.

From Department of Public Works—In reference to sewer outlets, etc., on West street.

From Wm. L. Chamberlain and others—In reference to the filling in behind the bulkhead at Beach street, North river.

From Finance Department—Approving of sureties to proposal of Robert L. Darrag furnishing granite stones for bulkhead or river wall, under award made March 8, 1880.

From Engineer-in-Chief, the following reports :

1. As to work performed during week ending March 13, 1880.

2. As to work performed during week ending March 20, 1880.

3. As to work performed during week ending March 27, 1880.

4. As to work performed during week ending April 3, 1880.

5. As to dredging required at the dumping-board at Jackson street, East river. Application from Police Department to have dredging done thereat taken from the table and placed on file the Engineer-in-Chief directed to make requisition for the necessary dredge, scows, and labor to excavate and remove from said premises about 2,000 cubic yards of material, in accordance with his report.

From Citizens' Steamboat Co. of Troy—Stating that small repairs were needed to the surface of Pier, old 49, North river. Engineer-in-Chief directed to repair the surface of said Pier and replace spring piles at the outer end thereof.

From Compagnie Générale Transatlantique—In reference to work of dredging slip between Piers, new 42 and 43, North river. Applicant requested to call and consult with the Engineer-in-Chief of this Department in reference thereto.

From Department of Public Charities and Correction—Asking that this Department purchase their coal derrick at Twenty-sixth street, East river. Secretary directed to advise that this Department has no appliances for making said repairs, and further, that it is not authorized to expend moneys derived from the proceeds of Dock Bonds, for such purposes.

From S. F. Shortland & Brother—In reference to obtaining a lease of ferry premises at Bridge Street, East river. Applicants informed that said premises are believed to be private property, and consequently this Department has no power to lease the same.

From Finance Department—In reference to correction of error in pay-roll of Department Docks of March 13, 1880.

om Knickerbocker Ice Co—For permission to repair the pier at Forty-third street, North  
lained to be owned by it. Permission granted ; the work to be done under the supervision  
Engineer-in-Chief of this Department, within the lines of the present structure.

ie Auditing Committee presented an audit of twenty-one bills or claims, amounting in the  
ate to the sum \$13,320.99 ; and, being read, was,

motion, accepted and adopted, and the Secretary directed to forward the said bills, together  
oper requisitions for the amount, to the Finance Department for payment.

motion, the following resolutions were unanimously adopted ;

solved, That the Engineer-in-Chief be and hereby is authorized and directed to assign suita-  
proper laborers and other employees of this Department to duty as "Inspectors of stone  
' in putting in place the cobbles and rip-rap stone in building the bulkhead or river wall,  
at the pay of such persons so assigned be and hereby is fixed at twenty-five cents per hour,  
time they are so employed.

solved, That the Engineer-in-Chief be and hereby is directed to proceed with the work of  
g, repairing, and removing a part of the old work on Pier, old 49 (Pier, new 41), at the  
Leroy street, North river, and replacing it with new, and of dredging on the site of said  
d half the width of the slips on each side of the same to the depth of twenty-five feet below  
ow-water mark ; and that all the work hereby ordered be performed otherwise than by con-  
is required by subdivision 5 of section 6 of chapter 574, Laws of 1871, and that it be done  
force of the Department by day's work, except so much of the labor as is now or may here-  
e contracted for, and that all the material and dredging necessary therefor not heretofore con-  
l for, or which may not hereafter be contracted for, be purchased by the Treasurer otherwise  
y contract.

communication was received from Sophia Habkemeier, in reference to the suit commenced  
ect the arrearages of rent due under the leases of piers at Fifteenth and Sixteenth streets,  
river ; and, being read,

n motion, the Secretary was directed to confer with the Counsel to the Corporation in refer-  
o the same.

n motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.



At a meeting of the Board of Docks, held April 14, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held the 7th instant were read and approved.

The following communication was received, read, and,

On motion, laid on the table to await action as stated, to wit :

From Health Department—To have the dock at the Riverside Hospital, Blackwell's Island, repaired. Engineer-in-Chief directed to examine and report the nature of the repairs required, with an estimate of the cost of doing the work.

From Union Steamboat Co.—Asking that they be allowed to dredge the premises occupied by them on the westerly side of Pier 7, East river, there being at present an insufficient depth of water for the berthing of their boats. Applicants informed that this Department has no objection to the doing said dredging at their own cost and expense, but that the lessees of said pier had been directed by this Department to do the necessary dredging thereat.

O. Chanute, Chief Engineer of the Erie Railway Company, requested to call on the Commissioners in reference to the dredging heretofore ordered to be performed at Piers 7 and 8, East river.

From New York, New Haven and Hartford Railroad Co.—For permission to erect platform on property owned and leased by it at South and Montgomery streets, East river. Engineer-in-Chief directed to examine and report if any objection exists to the erection of the proposed structure.

From Knickerbocker Ice Co.—For permission to widen their pier at Forty-third street, North river.

From Engineer-in-Chief—In reference to building a small wooden pier, south of Pier, new North river, for the use of the boats of the Police and Fire Department.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From G. B. Lawton—In reference to Senate Bill No. 259, providing for the rebuilding of West Washington market. Secretary directed to address a communication to the Hon. George G. Hoskins, Lieutenant Governor and President of the Senate, and to James M. Varnum, Chairman of the Assembly Committee on Cities, stating that the proposed retention of West Washington market would seriously interfere with the plans adopted by this Department, and approved by the Commissioners of the Sinking Fund, for the improvement of the water front, and setting forth in detail the various objections to the said market being permanently located on that part of the water front, etc., etc., and protesting against the bill becoming a law.

From R. J. Cortis, Agent—For permission to extend the shed between Piers, new 44 and 45, North river, leased by him. Secretary directed to advise in reply that the present structure on said premises is not, in the opinion of this board, legally authorized, and consequently this Department has no power to grant permission to extend the same.

From Department of Public Works—As to the unsafe condition of bulkhead, foot of Barclay street, North river. Owners of said bulkhead directed to make the necessary repairs thereto without delay, the work to be done under the supervision of the Engineer-in-Chief of this Department.

From Engineer-in-Chief, the following reports :

1. As to work performed during week ending April 10, 1880.
2. As to the bad condition of platform, etc., between Forty-ninth and Fifty-first streets, East river. Engineer-in-Chief directed to prepare plans and specifications to build by contract a rip-rap embankment and platform in front of the same at said premises.
3. As to the amount of dredging required at pier at Horatio street, North river. Application from Consumers' Ice Co. to have dredging done at said pier taken from the table and placed on file and applicants informed that, as they have failed to notify this Board that dredging was necessary at said premises within the time required by the terms of sale under which the lease of said premise was purchased by them, their application cannot be granted.

From Counsel to the Corporation—In reference to this Department's resuming control of Pier 48, East river, now under lease to Thomas C. Burke. Secretary directed to prepare a proper notice, and cause the same to be served upon the lessee, in accordance with the recommendation of the Law Department.

On motion, the New York Central & Hudson River Railroad Company was notified and directed, in accordance with the provisions of the several leases held by it, to dredge, without delay the slips between Piers 4 and 5, and 5 and 6, and on the easterly side of Pier 6, East river, so as to secure a depth of ten feet at mean low water, complaint having been made to this Department, that there is not at present sufficient depth of water to accommodate the canal boats which, by law, are entitled during the season of canal navigation to be berthed at said piers.

On motion, the Counsel to the Corporation was requested to cause with the least possible delay an examination to be made of the title to the water-front between Sixty-first and Sixty-second streets, East river, as it is believed that though the property is claimed by private parties, it is actually the property of the Corporation.

On motion, the Secretary was directed to address a communication to Louis de Bebian, agent of lessee of Pier, new 42, North river, stating that to make a depth of twenty-five feet at mean low water in the slip between Piers, new 41 and new 42, North river, would require the removal of about 30,200 cubic yards, as measured in the scows, that this Department proposes that the Union Dredging Company shall do all the dredging, and that said lessee shall arrange with said company to pay to it directly his proportion of the whole amount, namely, 21 73-100 per cent., etc.

On motion, the following preamble and resolution was unanimously adopted :

Whereas, In conformity with the provisions of subdivision 3 of section 6, chapter 574, Law of 1871, the Board of the Department of Docks prepared and determined upon plans for the permanent improvement of the water-front on the North river, extending northerly from foot of Sixty first street, and transmitted the same on or about April 2, 1872, to the Commissioners of the Sinking Fund, for adoption or rejection ; and

Whereas, This Department is not advised as to any action being taken by the said Commissioners of the Sinking Fund in relation to the said plans ; and

Whereas, The New York Central & Hudson River Railroad Co. have made application for a lease of the land under water owned by the City, extending from the southerly line of West Sixty-fifth street, extended, to the southerly line of West Seventy-second street, extended, for the purpose of constructing and erecting thereon certain seven piers at the cost and expense of the said company, including the necessary bulkhead ; therefore

Resolved, That the plans for the location and width of said seven piers, extending westerly to the exterior Pier line of 1868, as prepared by the Engineer-in-Chief of this Department, be transmitted to the Commissioners of the Sinking Fund, and that the said Commissioners be and they are hereby respectfully requested to adopt the said plans as for the district or territory extending from the foot of West Sixty-fifth street, inclusive, to the southerly line of West Seventy-second street, North river, and to return the same to this Department with a certificate thereon of such adoption, as required by said subdivision 3.

On motion, the Engineer-in-Chief was directed to prepare contract and specifications for dredging at the pier foot of Thirty-fifth street, North river, and at pier foot of Fifty-seventh street, North river, to a depth of ten feet at mean low water.

A communication was received from the Engineer-in-Chief in reference to repairs required to pier at Seventh street, East river, and, being read,

On motion, it was

Resolved, That the East River Ferry Company, owner of the easterly side of the pier at Seventh street, East river, and William H. Webb, owner of the southerly side of said pier, be and are hereby notified and directed to repair the said premises, without delay, in accordance with the specifications submitted by the Engineer-in-Chief, in order that said pier may be safe and fit for commercial use.

A communication was received from the Engineer-in-Chief as to the repairs required to certain piers and bulkheads on the North and East rivers, leases of which expire on May 1, 1880, and, being read,

On motion, it was

Resolved, That the Engineer-in-Chief be and is hereby directed to repair, in accordance with his recommendations, the following piers and bulkheads :

On North river :

Pier 21, at a cost of about.....	\$200 00
Pier 29, " .....	500 00
Pier, old 42, and bulkhead, at a cost of about.....	600 00
Pier at Twenty-eighth street, " .....	400 00
Pier at Thirty-fifth street, " .....	200 00
Pier at Fifty-fifth street, " .....	800 00
Pier at Fifty-seventh street, " .....	200 00
Pier, old 34, " .....	500 00

To 21.

## On East river :

Pier 37, bulkhead, etc., at a cost of about.....	\$900 00
Bulkhead at Thirty-second street, at a cost of about.....	175 00
Bulkhead at Thirty-fifth street,                    “ .....	175 00
Bulkhead at Thirty-sixth street,                   “ .....	175 00
Pier or bulkhead at Eighty-sixth street,           “ .....	500 00
Pier 53, east half,                                   “ .....	50 00
Pier 54, west half,                                   “ .....	50 00
Pier at Third street,                                “ .....	900 00
Pier at Twenty-third street,                       “ .....	700 00
Bulkhead at Eighteenth street,                   “ .....	50 00
Pier at Forty-sixth street,                        “ .....	100 00
Pier at Sixty-first street,                         “ .....	300 00

## On Harlem river :

Pier at One Hundred and Sixth street, at a cost of about.....	100 00
Pier at One Hundred and Seventeenth street, at a cost of about.....	300 00
Pier at One Hundred and Twenty-fifth street,                   “ .....	900 00
Pier at One Hundred and Twenty-ninth street,                   “ .....	250 00

On motion, William J. Barnum and Cornelius Byrnes were appointed Watchmen.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a meeting of the Board of Docks, held April 21, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held 14th instant were read and approved.

An application was received from the New York Ferry Co. for permission to construct an additional ferry slip between Broome and Grand streets, East river, and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to the New York Ferry Co. lessees and occupants of the west side of Pier 56, East river, and the adjacent bulkhead, to drive piles and construct in the slip thereat ferry racks, bridges, etc., in order to afford additional facilities for the ferry boats of said company, the owner of said pier and bulkhead having filed in this office his written consent to the improvement, provided that said company shall construct the ferry rack at the south side of Pier 56 in such manner as shall prevent injury to the pier by the ferry boats coming in collision therewith, all the work hereby authorized to be done under the supervision of the Engineer-in-Chief of this Department, and to remain during the pleasure of this Board.

A communication was received from the Fulton Market Fishmongers' Association, protesting against a transfer of the lease held by the Morrisania Steamboat Co., of a portion of the east side of Pier 22, East river, to the Columbia Navigation Co., for the reason that the boats of the latter company being larger, would seriously interfere with the use of the slip by the boats of said Association, and, being read, and it appearing that no application for the transfer of said lease had been presented, the communication was, on motion, laid on the table.

The following communications were received, read, and, on motion, placed on file, action being taken where necessary, as stated, to wit :

From Police Department—To have wharf room in the vicinity of Pier, new 1, North river, assigned for the use of police boats, or to provide such accommodation.

Secretary directed to advise in reply that this Department has no suitable wharf accommodations at its disposal at present, which can be assigned for such purpose, and further that it has no authority to provide similar accommodations at or near Pier, new 1, North river, as requested in their communication.

From Edward Cooper, Mayor—As to a meeting to be held by the Commissioners of the Sinking Fund in reference to plans for the construction of piers from Sixty-fifth to Seventy-second street, North river.

From Old Dominion Steamship Company—Stating that the berth at Pier, new 1, North river, would be vacated by said company after the 20th inst, at which time they will remove therefrom their temporary shed.

Engineer-in-Chief directed to supervise the removal of said shed and report as to the condition of the pier thereafter.

From Thomas Shearman—In reference to patent pile-driver controlled by him.

Applicant requested to call on the Engineer-in-Chief in reference to the same..

From Compagnie Générale Transatlantique—Agreeing to terms for dredging in slip between Piers, new 41 and 42, North river, as contained in communication from this Department under date of April 14th.

From Michael Ryan, asking permission to occupy bulkhead at foot of Fiftieth street, North river, for the purpose of landing sand.

Applicant informed that he can occupy and use said bulkhead, provided that he shall pay to this Department for the privilege the sum of \$25 for every three months, in advance, the Department reserving the right to terminate this permit at any time it may elect so to do, and giving said Ryan the same privilege.

From Engineer-in-Chief the following reports :

1. As to work performed during week ending April 17, 1880.

2. In reference to dredging required at bulkhead at Thirty-second street, East river.

Engineer-in-Chief directed to make requisition for the necessary dredge, scows and labor, to excavate and remove from the foot of said street, and for the space of 25 feet on either side, about 800 cubic yards of mud, in order to make a depth of 10 feet at mean low water.

On motion, the Engineer-in-Chief was directed to prepare contract and specifications for furnishing 5,000 barrels Portland cement.

The application of the Knickerbocker Ice Co. for permission to widen pier at Forty-third street, North river, claimed to be owned by it, was,

On motion, taken from the table and placed on file, and the said application denied, as in the opinion of this Board the permission, as granted by the Department in the year 1873, for the extension and widening of said pier upon land lying under water belonging to the city, was not warranted, and the Secretary directed to notify said company to stop all work of repairing or rebuilding the said pier, except it shall be within the lines of the present structure.

A communication was received from Louis de Bebian, agent for Compagnie Générale Transatlantique, lessee of Pier, new 42, North river, in reference to dredging required in slip between Piers, new 42 and 43, North river, and being read,

On motion, the Engineer-in-Chief was directed to prepare plans and specifications for dredging slip between Piers, new 42 and 43, North river, in conjunction with Compagnie Générale Transatlantique, by Louis de Bebian, agent.

The Secretary, stating that the right to collect and retain all wharfage accruing at the following named piers and bulkheads had been sold to the highest bidders therefor, as named below at public sale, held by James M. Oakley & Co., Auctioneers, on the 13th instant, pursuant to the action of the Board on the 13th ultimo, and for the terms and prices as stated opposite each lot respectively, to wit :

*On North River.*

Lot 2. Pier at West Thirty-fifth street (except reservation on northerly side for berth for public bath during summer season), to Scott & Co. for one year from May 1, 1880, at \$3,500 per annum ; upset bid, \$3,500.

Lot 4. Pier at West Fifty-fifth street (except reservation for telegraph cables and wires on northerly side and in the adjacent slip)—no dredging will be done by the Department in the slip adjacent to the southerly side of this pier—to Western Union Telegraph Co., for one year from May 1, 1880, at \$600 per annum ; upset bid, \$600.

Lot 5. Pier at West Fifty-seventh street, to Frederick Schecker, for one year from May 1, 1880, at \$2,075 ; upset bid, \$1,675.

Lot 6. Pier 21 and bulkhead adjoining southerly side (the present lessee claims the right to remove the shed thereon, at any time prior to May 1, 1880), to William Coverly, for three years from May 1, 1880, at \$12,000 per annum ; upset bid, \$12,000.

Lot 7. Southerly half of Pier 29, including the whole surface of said Pier (the present lessee claims the right to remove the shed thereon at any time prior to May 1, 1880), to Providence and Stonington Steamship Company, for three years from May 1, 1880, at \$25,100 per annum ; upset bid, \$20,000.

*On East River.*

Lot 10. Bulkhead at East Twenty-ninth street, to Mark Goodwin, for one year from May 1, 1880, at \$200 per annum ; upset bid, \$200.

Lot 11. Bulkhead at East Thirtieth street, to Oscar E. Hawzhurst, for one year from May 1, 1880, at \$200 per annum; upset bid, \$200.

Lot 14. Bulkhead at East Thirty-fifth street, to Garret L. Schuyler, for one year from May 1, 1880, at \$200; upset bid, \$200.

Lot 15. Bulkhead at East Thirty-sixth street, to Popham & Co., for one year from May 1, 1880, at \$250 per annum; upset bid, \$250.

Lot 17. Pier or Bulkhead at East Eighty-sixth street (no dredging will be done at the premises by the Department), to John H. Baxter, for one year from May 1, 1880, at \$300 per annum; upset bid, \$300.

Lot 18. Bulkhead at and south of East Ninety-third street, to Thomas Patten, for one year from May 1, 1880, at \$500 per annum; upset bid, \$500.

Lot No. 19. Pier 37, about 44½ feet of bulkhead adjoining westerly side, and one-half of bulkhead adjoining easterly side (except reservation on westerly side of the pier for a Dumping Board), to Vermont Central Railroad Company, for three years from May 1, 1880, at \$4,000 per annum; upset bid, \$4,000.

Lot 20. About 188 feet of bulkhead on Tompkins street, adjacent to and north of the north side of Rivington street, to Jos. V. Brown, for three years from May 1, 1880, at \$500 per annum; upset bid, \$500.

On motion, it was

Resolved, That the sale of the said right, at the said several lots of wharf property, upon the terms as reported by the Secretary, be and is hereby approved and confirmed, and the officers of the Board be and are hereby authorized and empowered to execute the necessary leases therefor, when prepared and approved as to form by the Counsel to the Corporation.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held April 28, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held 21st instant were read and approved.

A communication was received from the Counsel to the Corporation in reference to application of the East River Ferry Co. for permission to construct and occupy an additional slip adjacent to the southerly side of slip at Thirty-fourth street, East river, and recommending that a lease for the right to occupy all the water in the basin on the northerly side of the pier at Thirty-third street, East river, for the purpose of another ferry slip, be offered at public auction for a term of ten years from May 1, 1881, and, being read,

On motion, the Secretary was directed to arrange with James M. Oakley & Company, auctioneer, to offer at public sale, to be held on Thursday, May 27, 1880, for purchase to the highest bidder, the right to occupy the above-named premises for ferry purposes only, and also the right to erect and retain all wharfage accruing at certain six lots of piers and bulkheads, at present not let to leases, as designated by the Commissioners, subject to the terms and conditions as set forth in the advertisements prepared by the Secretary, and cause said sale to be published for ten days in the CITY RECORD and other newspapers designated by law for Corporation notices.

The following communications were received, read, and laid on the table to await action as ordered, to wit:

From Citizens' Steamboat Company—In reference to leasing end of Pier, old 49, North river.

Applicants requested to call upon the Commissioners in reference to their application.

From Ship-Owners' Association, protesting against permission being granted to erect a shed at Pier 45, East river.

Secretary directed to notify the Merchants' and Miners' Transportation Company, occupants of Pier 45, East river, of the above protest, and to request them to call on the Commissioners without delay in reference thereto.

From Engineer-in-Chief—In reference to platform proposed to be erected in front of the bulkhead on South street, adjacent to Montgomery street.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit:

From Commissioners of the Sinking Fund—As to rent to be paid for lease to New York Central & Hudson River Railroad Company for land under water between Sixty-fifth and Seventy-ninth streets, North river.

From C. W. Scofield—To have a berth assigned at Pier, new 1, North river, for Steamer Plymouth Rock during the summer season.

Applicant requested to call on Commissioner Vanderpoel in reference thereto.

From S. L. Merchant—To have a test made of Portland Cement.

Application granted.

From John G. Dale, Agent—In reference to shed proposed to be erected on Pier, new 36, North river, leased by him.

From Engineer-in-Chief—As to work performed during week ending April 24, 1880.

From Compagnie Générale Transatlantique, agreeing to form of contract etc., for dredging between Piers, new 42 and 43, North river.

On motion, the Engineer-in-Chief was directed to examine and report as to repairs required at end of pier at Twenty-third street, East river, and also as to repairs required to surface of pier at Twenty-seventh street, North river, reported by the Dock Superintendent requiring immediate attention.



On motion, the Engineer-in-Chief was directed to prepare plans and specification for dredging slip between Piers, new 42 and new 43, North river, in conjunction with Compagnie Générale Transatlantique.

On motion, the following resolution was unanimously adopted :

Resolved, That the Engineer-in-Chief be and hereby is directed to proceed with the construction of sufficient concrete base blocks for the bulkhead or river wall between the south end of Beach street section and a point about equally distant from Franklin and North Moore streets, and also that he be and hereby is directed to proceed with the construction of about 300 feet of said bulkhead wall, extending from the south end of the wall of the Beach street section now building between Beach and Hubert streets upon the same plan as that of the Beach street section of the bulkhead or river wall, and of a pier to be known as Pier, new 25, North river, and that all of the work hereby ordered be performed otherwise than by contract, as required by subdivision 5 of section 6 of chapter 574, Laws of 1871, and that it be done by the force of the department by days' work, except so much of the labor as is now or may hereafter be contracted for, and that all the material and dredging necessary therefor, not heretofore contracted for, or which may not hereafter be contracted for, be purchased by the Treasurer otherwise than by contract.

On motion, the following resolution was adopted, to wit :

Resolved, That the Commissioners of the Sinking Fund be and are hereby respectfully requested, in pursuance of the provisions of chapter 738, Laws of 1872, to consent to and approve of the width and location of the pier to be erected and known as Pier, new 36, North river, being so altered and changed from the lines therefor, as laid down on the plans prepared by this Department, and approved by the said Commissioners of the Sinking Fund on April 27, 1871, as to make the width of the said pier 75 feet instead of 60 feet, and as to establish the northerly line of the said pier at the line for the new bulkhead wall, about 151 feet south of the southerly line of Pier, new 37, North river as approved and established by the said Commissioners of the Sinking Fund on September 25, 1877.

The Auditing Committee presented an audit of fourteen bills or claims, amounting in the aggregate to the sum of \$4,865.24, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, the following resolution was adopted, to wit :

Resolved, That the Chief Clerk be and is hereby directed to credit the account of the Counsel to the Corporation with the following amounts, in conformity with the communication from the Law Department, dated March 12, 1880, to wit : For amounts for which judgment has been entered for the city, and the executions issued therefor to the Sheriff of the County have been returned unsatisfied : Claim against John D. Tracy, for rent of Pier 60, East river, \$991.19 ; claim against Dillon Ransom, for rent of steps at Third Avenue Bridge, Harlem river, \$1,300 ; claim

against Patrick Grace, for rent of pier at One Hundred and Seventeenth street, Harlem river \$251.25. Total, \$2,542.44.

A report was received from the Engineer-in-Chief recommending that certain old material belonging to the Department be disposed of at public sale, and, being read,

On motion, the Secretary was directed to arrange for the sale of said old material at public auction, and to cause proper notices of the same to be inserted in the several newspapers designated by law.

On motion, the Engineer-in-Chief was directed to prepare plans and specification for piers at the foot of Thirty-first and Thirty-second streets, East river.

On motion, the following preamble and resolutions were adopted, to wit :

Whereas, The New York Central & Hudson River Railroad Company have made application to this Department for permission to lease, reclaim, and fill in certain lands under water in front of property claimed to be owned by said company, between Sixty-fifth and Seventy-second street North river, and to construct bulkheads and piers thereat for the purpose of making and erecting additional terminal improvements and facilities, and,

Whereas, The plan determined by this Department for improving the said territory or district between Sixty-fifth and Seventy-second streets, North river, was approved and adopted by the Commissioners of the Sinking Fund on April 27, 1880 ; therefore

Resolved, That the New York Central and Hudson River Railroad Company be and is hereby notified that this Department will set aside for the use of railroad traffic, and will grant to it lease for a term of ten years from May 1, 1880, with the privilege of two renewals of ten years each of the land under water belonging to the Corporation, between the southerly line of Sixty-fifth street, and the southerly line of Seventy-second street, North river, and extending from the existing shore or bulkhead westerly to the established pier line of 1868, and with permission to fill in and reclaim the same easterly of the line of new bulkhead, as provided under the said plans, and to erect on said premises, free of cost and expense to the city, a suitable and proper bulkhead, and five piers of a width of 100 feet each, and two piers of a width of 60 feet each, all to be located in conformity, with the lines established therefor upon the plans referred to above, approved by the Commissioners of the Sinking Fund on 27th instant, and to be constructed in accordance with plans to be approved by the Engineer-in-Chief of this Department, and with permission to do such dredging and make such repairs upon said improvements at such times as the said company may deem necessary, provided that the said company shall first and within ten days after receipt of the notice file in this office its written agreement to pay rent for the said land under water in the sum of \$17,500 per annum, payable quarterly in advance, from and after May 1, 1880, and an additional sum of \$3,500 per annum during the first renewal term of ten years ; and a further additional sum of \$3,500 per annum during the second renewal term of ten years, and at the termination of the said lease or renewal thereof by expiration or otherwise, to entirely remove all the said piers whenever required so to do by this Department or its successor, so as to allow piers to be located upon any other lines the interests of the city may demand ; and provided further that the said company shall agree in writing to execute the lease when prepared and approved as to form by the Councils

to the Corporation, and that in addition to the usual covenants, the said lease shall contain a covenant to the effect that any and all streets or avenues laid out on the map of the city, and constructed under the above permission to fill in, will be opened as public highways whenever the proper city authorities shall so direct, free of all claim of any kind whatsoever against the Corporation, either for the cost of improvements thereon or damages thereto, or otherwise.

Resolved, That upon receipt of the agreement of said company to the above terms, the Secretary be and is hereby directed to request the Counsel to the Corporation to prepare the necessary lease in proper form, and that the officers of the Board be and are hereby empowered to execute the same.

On motion, William Ryan, Night Watchman, was discharged, and Hugh Buckley, Night Watchman, suspended for one week, and the resignation of Chas. W. Hunt, as Rodman, accepted.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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